

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021794.D
 Acq On : 07 Apr 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 08 03:30:25 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	224832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114675	47.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.160%
35) Dibromofluoromethane	7.634	113	110409	50.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.109	98	430269	51.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.408	95	146026	51.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.820%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	101543	43.574	ug/l 99
3) Chloromethane	2.068	50	144626	44.137	ug/l 99
4) Vinyl Chloride	2.202	62	168210	45.392	ug/l 100
5) Bromomethane	2.598	94	103733	41.042	ug/l 96
6) Chloroethane	2.733	64	109653	45.220	ug/l 96
7) Trichlorofluoromethane	3.056	101	219440	46.226	ug/l 96
8) Diethyl Ether	3.452	74	56166	43.508	ug/l 99
9) 1,1,2-Trichlorotrifluo...	3.812	101	116067	46.358	ug/l 99
10) Methyl Iodide	4.007	142	134960	49.135	ug/l 99
11) Tert butyl alcohol	4.854	59	31101	196.563	ug/l 98
12) 1,1-Dichloroethene	3.793	96	110572	46.887	ug/l 98
13) Acrolein	3.647	56	21903	75.813	ug/l 98
14) Allyl chloride	4.385	41	173690	46.193	ug/l 99
15) Acrylonitrile	5.061	53	116368	215.889	ug/l 98
16) Acetone	3.866	43	129207	259.165	ug/l 96
17) Carbon Disulfide	4.104	76	350105	45.073	ug/l 98
18) Methyl Acetate	4.385	43	61273	49.589	ug/l 98
19) Methyl tert-butyl Ether	5.116	73	264988	45.133	ug/l 99
20) Methylene Chloride	4.616	84	117747	48.120	ug/l 97
21) trans-1,2-Dichloroethene	5.116	96	123247	47.466	ug/l 95
22) Diisopropyl ether	6.019	45	375600	47.619	ug/l 99
23) Vinyl Acetate	5.958	43	1018936	220.822	ug/l 100
24) 1,1-Dichloroethane	5.915	63	223308	47.347	ug/l 99
25) 2-Butanone	6.890	43	163207	229.196	ug/l 98
26) 2,2-Dichloropropane	6.884	77	202427	48.250	ug/l 100
27) cis-1,2-Dichloroethene	6.890	96	140137	47.992	ug/l 98
28) Bromochloromethane	7.244	49	92565	46.536	ug/l 100
29) Tetrahydrofuran	7.262	42	98557	215.053	ug/l 98
30) Chloroform	7.421	83	233479	47.595	ug/l 99
31) Cyclohexane	7.701	56	191520	44.546	ug/l 98
32) 1,1,1-Trichloroethane	7.616	97	209391	47.227	ug/l 98
36) 1,1-Dichloropropene	7.835	75	168291	50.545	ug/l 99
37) Ethyl Acetate	6.982	43	69534	44.251	ug/l 98
38) Carbon Tetrachloride	7.817	117	193545	50.753	ug/l 98
39) Methylcyclohexane	9.109	83	194442	48.886	ug/l 99
40) Benzene	8.079	78	501796	50.325	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	35618	42.682	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	135660	48.260	ug/l	99
43) Isopropyl Acetate	8.195	43	133660	44.885	ug/l #	87
44) Trichloroethene	8.866	130	131643	51.817	ug/l	96
45) 1,2-Dichloropropane	9.140	63	117612	49.831	ug/l	99
46) Dibromomethane	9.231	93	65338	48.034	ug/l	98
47) Bromodichloromethane	9.426	83	174186	49.419	ug/l	100
48) Methyl methacrylate	9.219	41	64853	47.453	ug/l	95
49) 1,4-Dioxane	9.231	88	13646	936.467	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	360893	232.887	ug/l	100
52) Toluene	10.170	92	319169	51.304	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	155920	49.804	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	185476	50.219	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	86004	49.131	ug/l	98
56) Ethyl methacrylate	10.445	69	109189	48.850	ug/l	98
57) 1,3-Dichloropropane	10.719	76	149100	49.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	282136	258.748	ug/l	100
59) 2-Hexanone	10.762	43	251244	243.444	ug/l	100
60) Dibromochloromethane	10.914	129	118885	49.743	ug/l	99
61) 1,2-Dibromoethane	11.018	107	80014	48.727	ug/l	99
64) Tetrachloroethene	10.646	164	148740	54.654	ug/l	98
65) Chlorobenzene	11.444	112	341961	49.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	121265	49.897	ug/l	98
67) Ethyl Benzene	11.524	91	607101	51.687	ug/l	100
68) m/p-Xylenes	11.633	106	467260	103.887	ug/l	100
69) o-Xylene	11.957	106	215626	51.935	ug/l	98
70) Styrene	11.969	104	364462	52.649	ug/l	99
71) Bromoform	12.133	173	68597	49.483	ug/l #	99
73) Isopropylbenzene	12.255	105	575416	50.541	ug/l	99
74) N-amyl acetate	12.072	43	115291	43.148	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	85563	41.800	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	125066	82.309	ug/l #	100
77) Bromobenzene	12.536	156	134854	49.332	ug/l	97
78) n-propylbenzene	12.597	91	700624	51.186	ug/l	100
79) 2-Chlorotoluene	12.682	91	394135	49.576	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	470123	50.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	30461	46.192	ug/l	97
82) 4-Chlorotoluene	12.780	91	405107	48.877	ug/l	98
83) tert-Butylbenzene	12.999	119	409458	49.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	473400	51.475	ug/l	99
85) sec-Butylbenzene	13.176	105	612188	50.544	ug/l	100
86) p-Isopropyltoluene	13.292	119	516598	51.605	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	268145	49.789	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	258781	48.633	ug/l	99
89) n-Butylbenzene	13.621	91	467407	50.487	ug/l	100
90) Hexachloroethane	13.883	117	106174	48.399	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	230830	49.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14186	44.715	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	125306	49.286	ug/l	99
94) Hexachlorobutadiene	15.029	225	76368	48.096	ug/l	99
95) Naphthalene	15.151	128	198442	47.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	105317	48.577	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

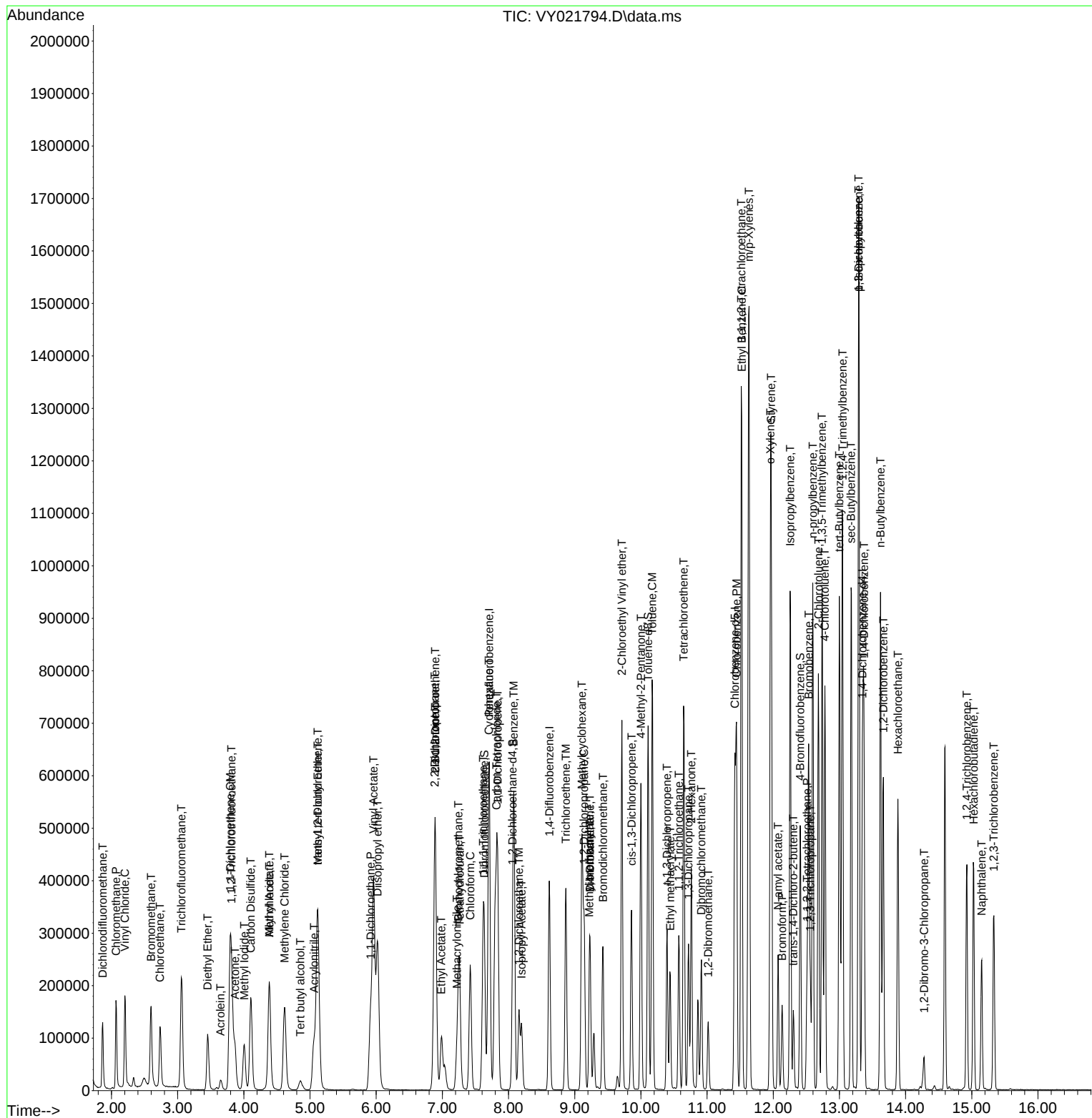
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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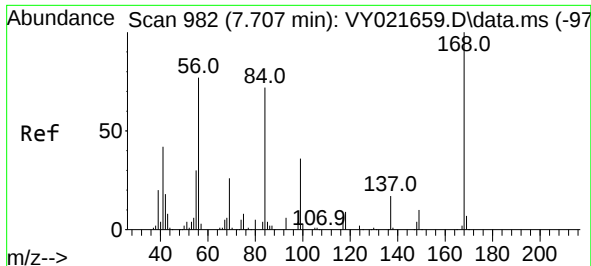
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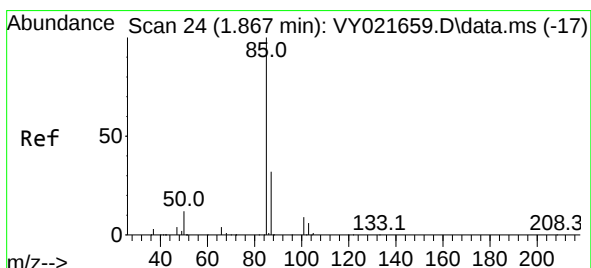
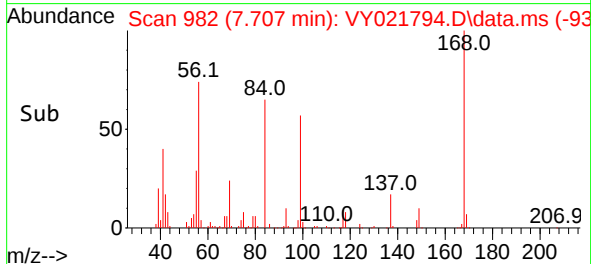
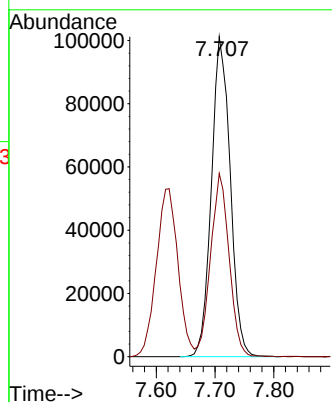
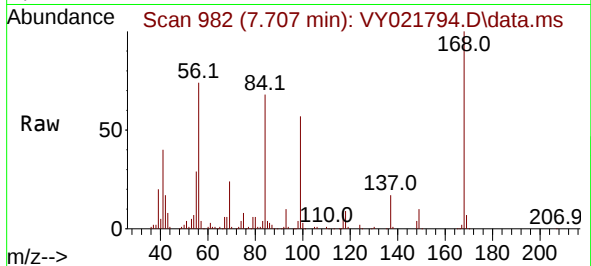




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021794.D
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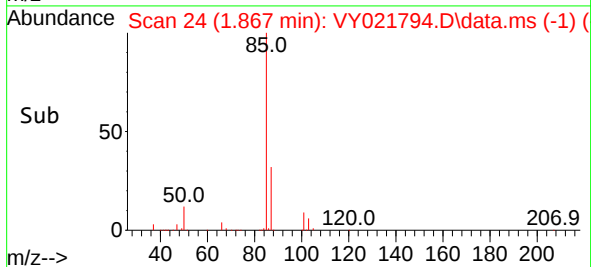
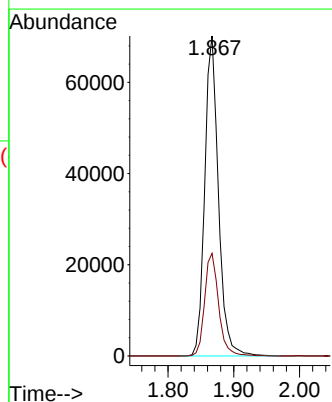
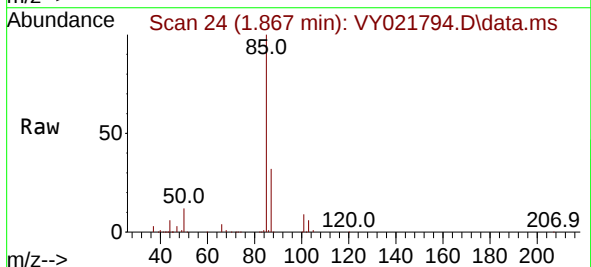
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

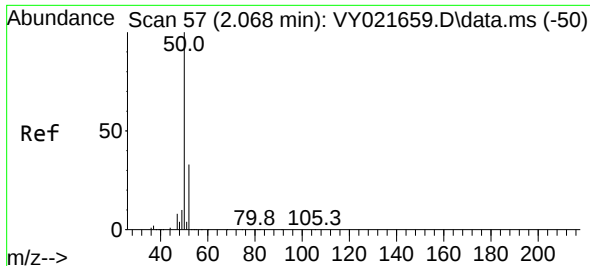
Tgt Ion:168 Resp: 224832
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 43.574 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 85 Resp: 101543
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6

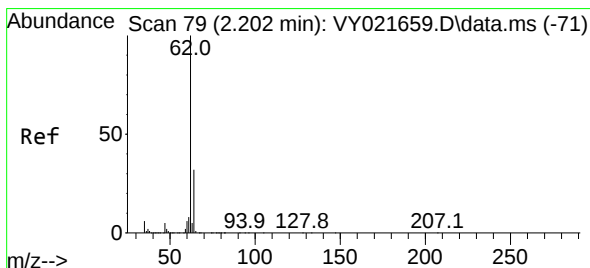
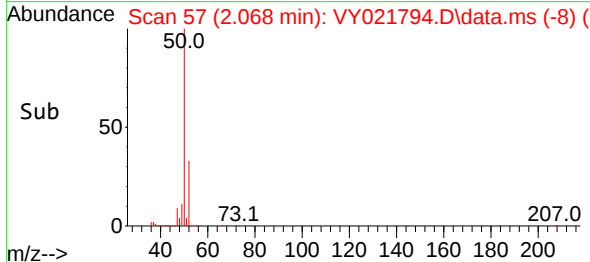
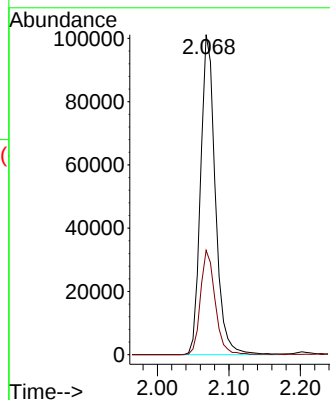
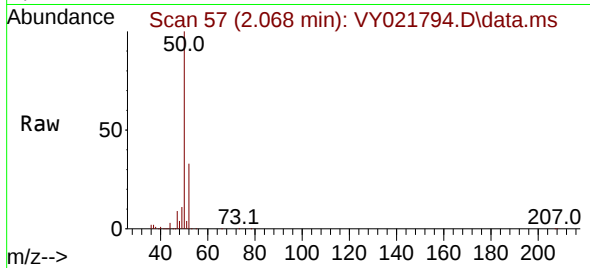




#3
Chloromethane
Concen: 44.137 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

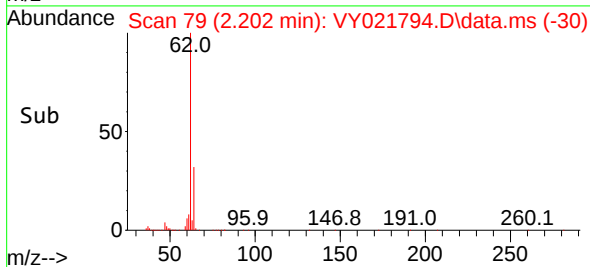
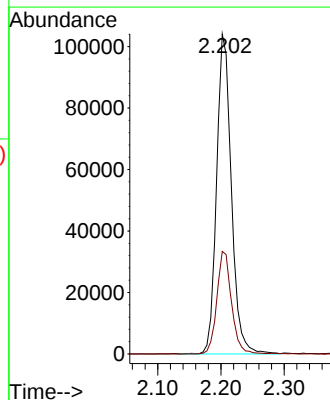
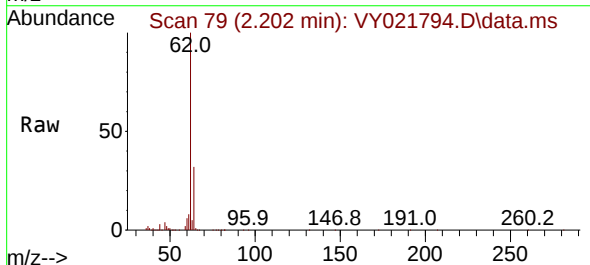
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ClientSampleId :
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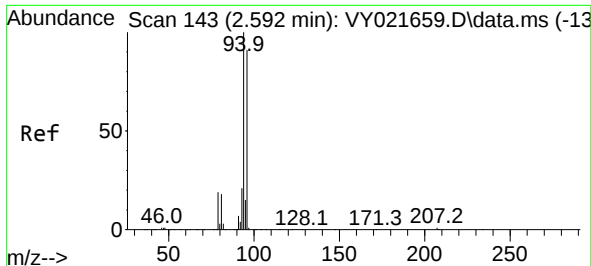
Tgt Ion: 50 Resp: 144626
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 45.392 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 62 Resp: 168210
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

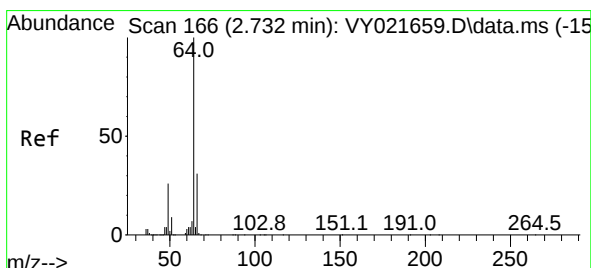
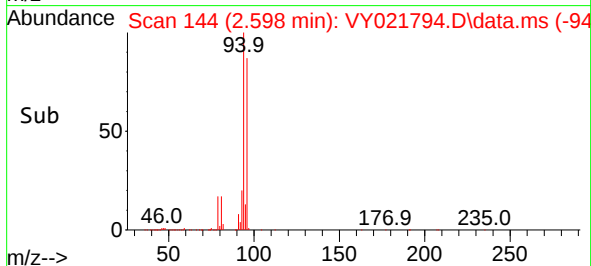
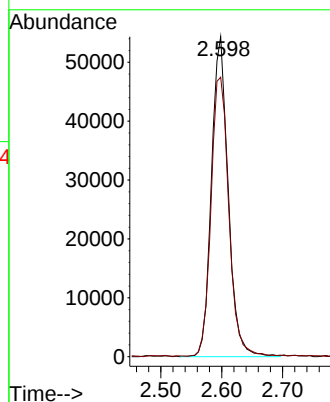
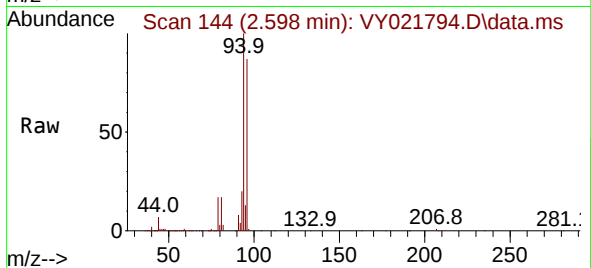




#5
Bromomethane
Concen: 41.042 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

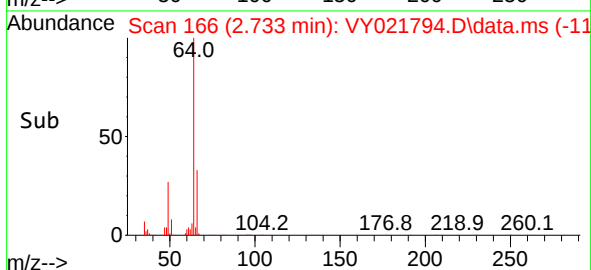
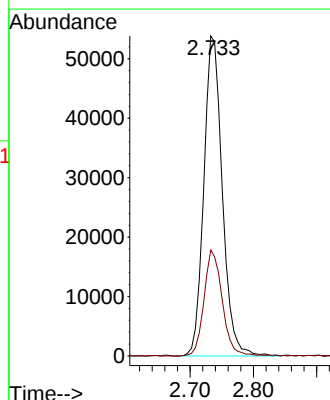
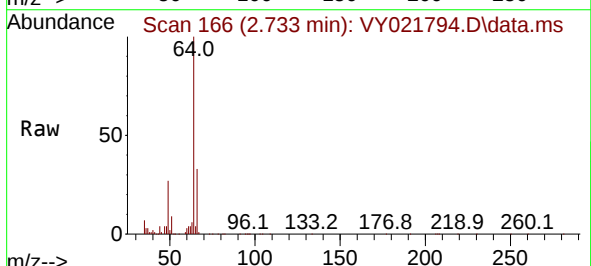
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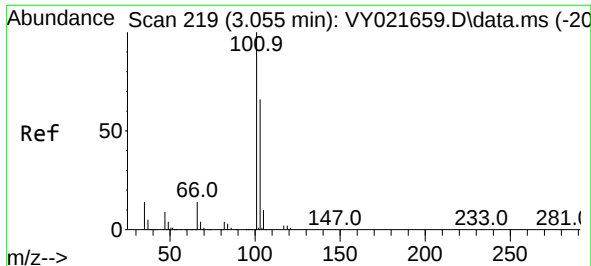
Tgt Ion: 94 Resp: 103733
Ion Ratio Lower Upper
94 100
96 87.1 72.8 109.2



#6
Chloroethane
Concen: 45.220 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021794.D
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Tgt Ion: 64 Resp: 109653
Ion Ratio Lower Upper
64 100
66 33.1 24.9 37.3

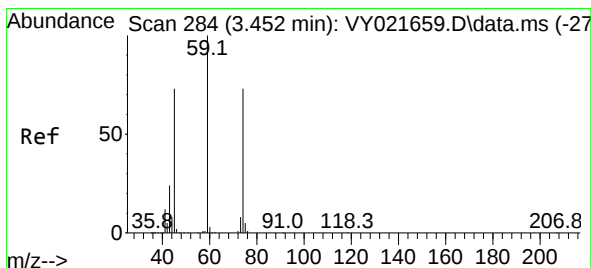
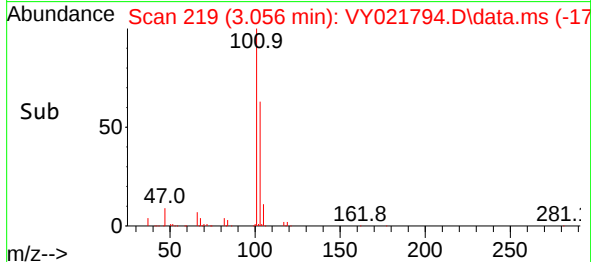
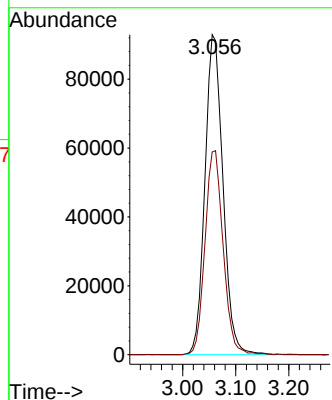
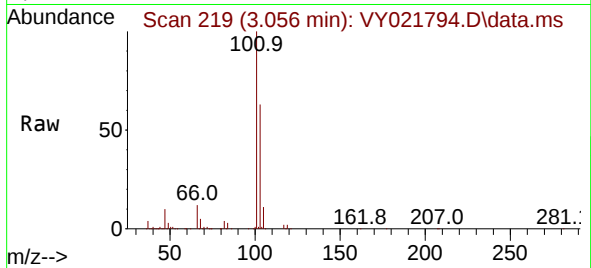




#7
 Trichlorofluoromethane
 Concen: 46.226 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

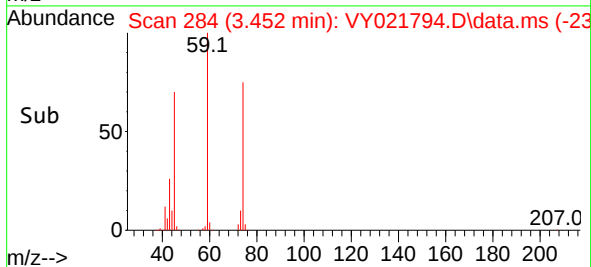
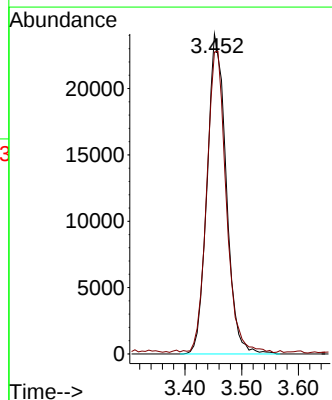
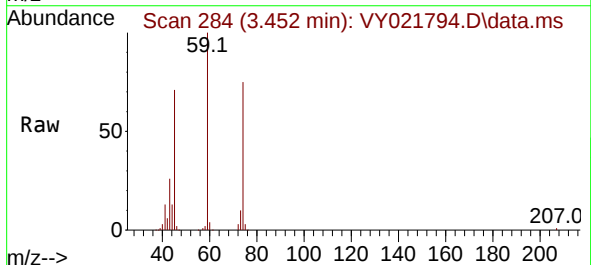
Instrument :
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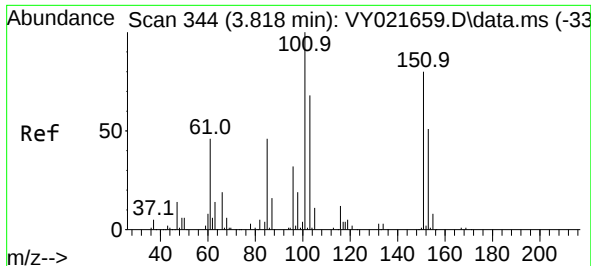
Tgt Ion:101 Resp: 219440
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 43.508 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021794.D
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Tgt Ion: 74 Resp: 56166
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.6 145.8

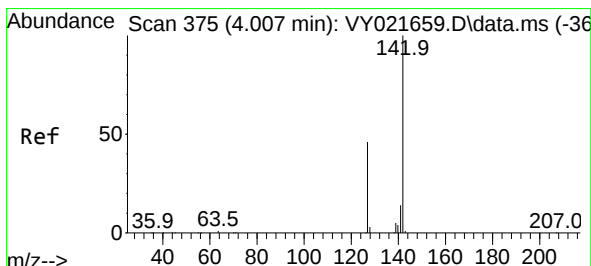
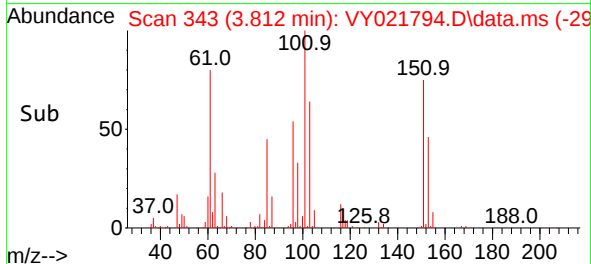
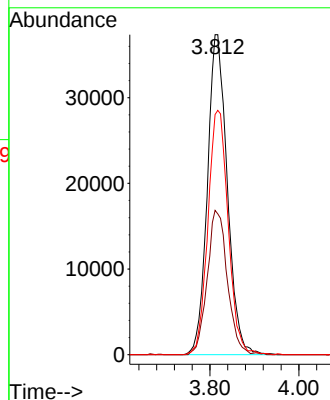
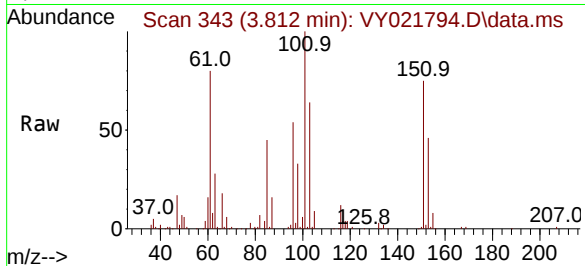




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.358 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

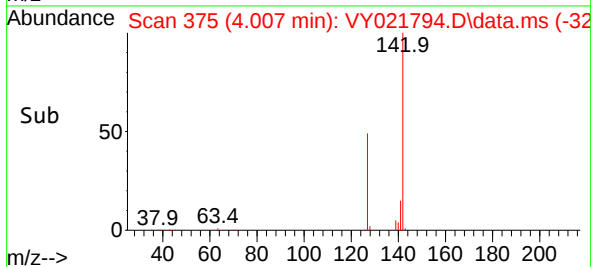
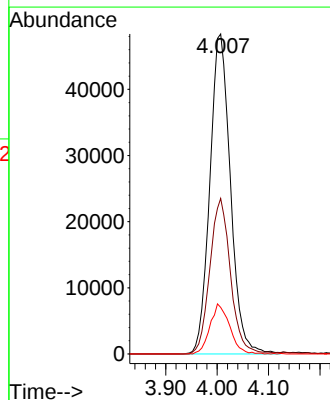
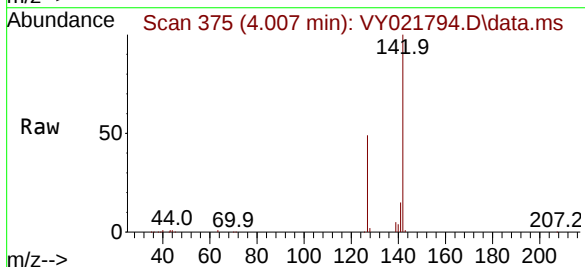
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 116067
Ion Ratio Lower Upper
101 100
85 45.7 36.3 54.5
151 77.8 61.3 91.9



#10
Methyl Iodide
Concen: 49.135 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion:142 Resp: 134960
Ion Ratio Lower Upper
142 100
127 48.6 38.7 58.1
141 14.9 11.5 17.3

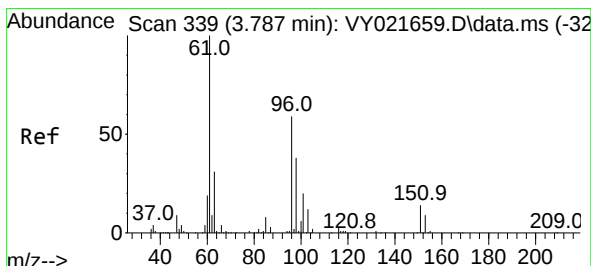
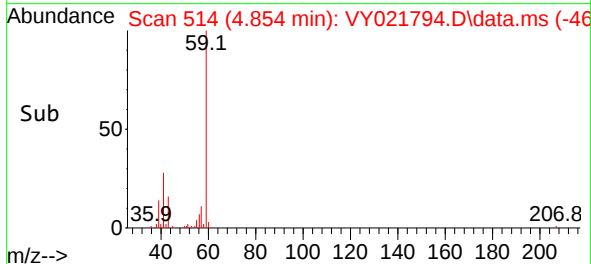
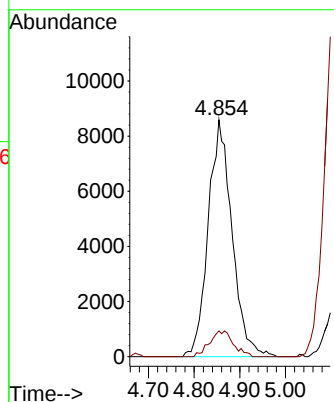
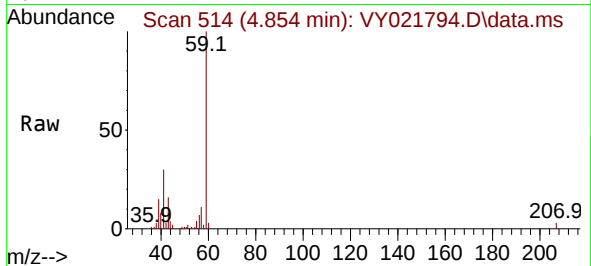




#11
Tert butyl alcohol
Concen: 196.563 ug/l
RT: 4.854 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

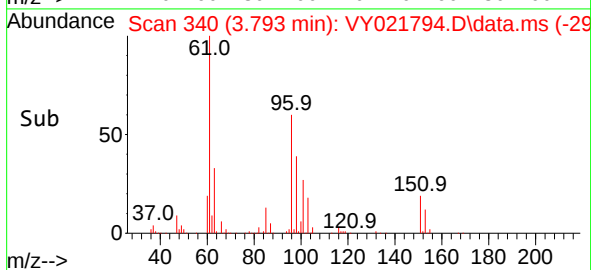
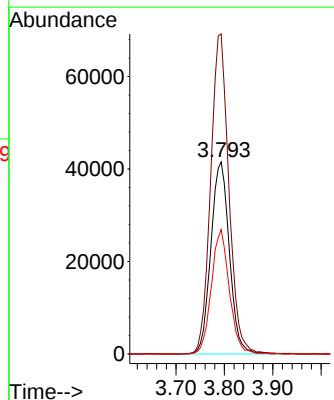
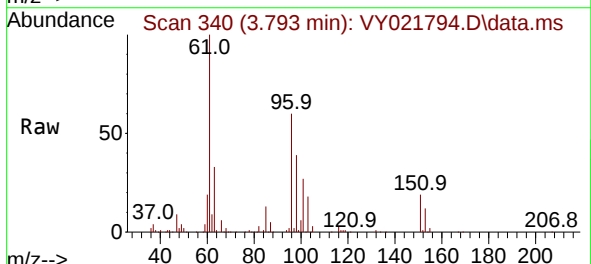
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

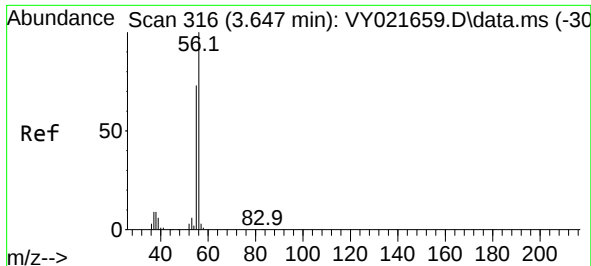
Tgt Ion: 59 Resp: 31101
Ion Ratio Lower Upper
59 100
57 10.9 9.2 13.8



#12
1,1-Dichloroethene
Concen: 46.887 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 96 Resp: 110572
Ion Ratio Lower Upper
96 100
61 166.7 136.6 204.8
98 64.7 52.3 78.5





#13

Acrolein

Concen: 75.813 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

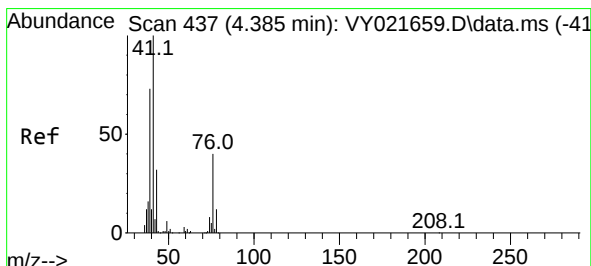
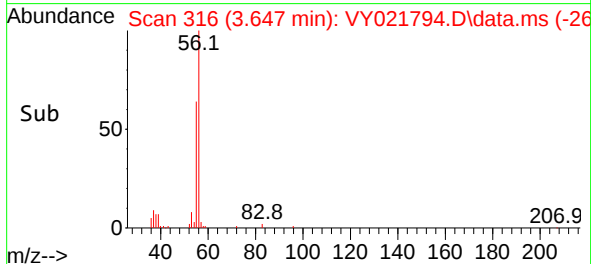
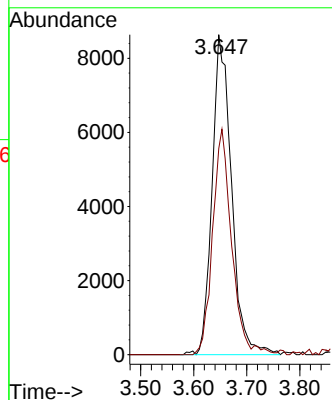
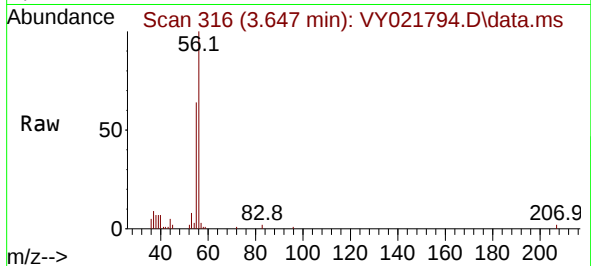
VSTDCCC050

Tgt Ion: 56 Resp: 21903

Ion Ratio Lower Upper

56 100

55 69.3 56.6 85.0



#14

Allyl chloride

Concen: 46.193 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

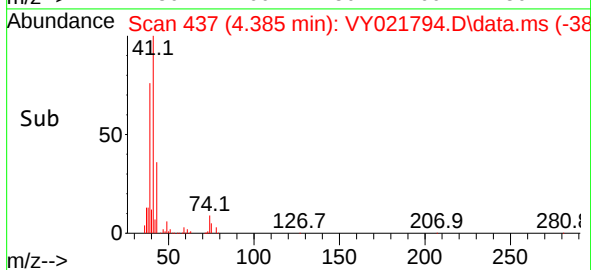
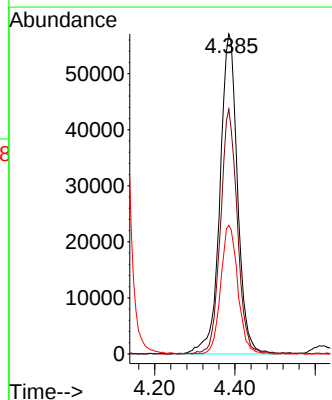
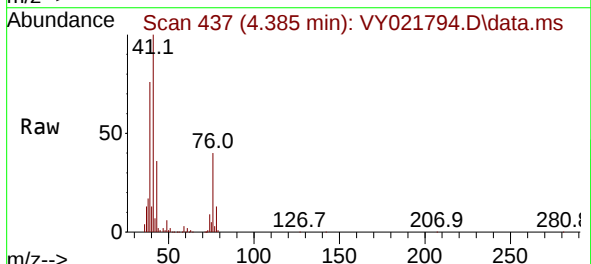
Tgt Ion: 41 Resp: 173690

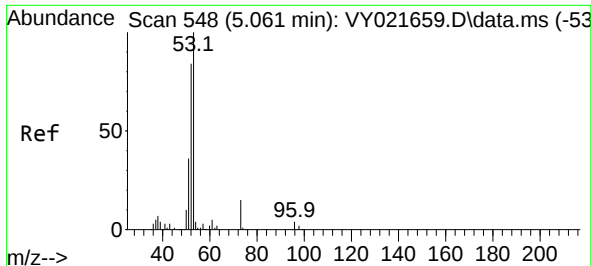
Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

76 39.1 30.3 45.5

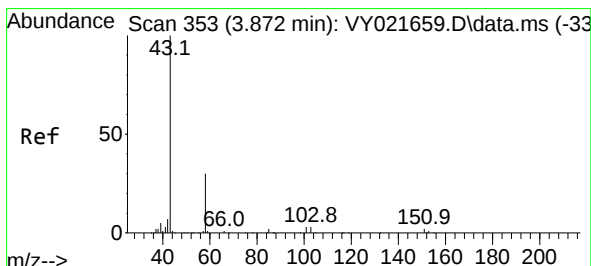
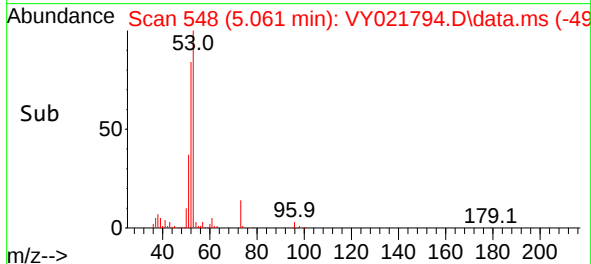
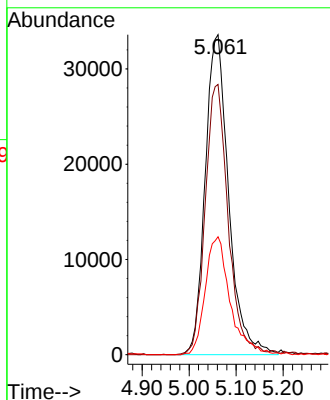
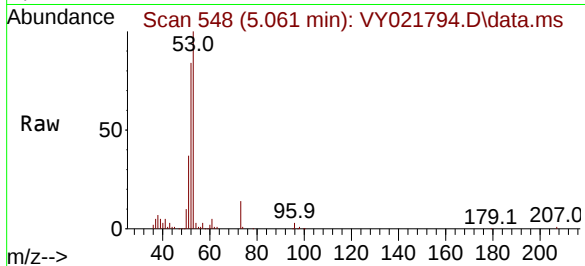




#15
Acrylonitrile
Concen: 215.889 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

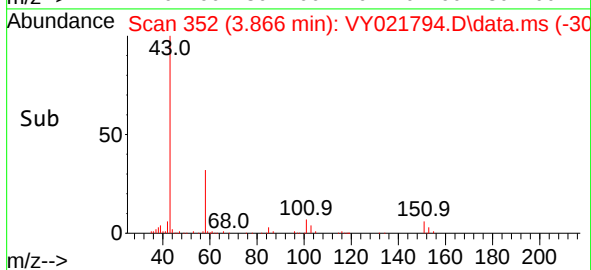
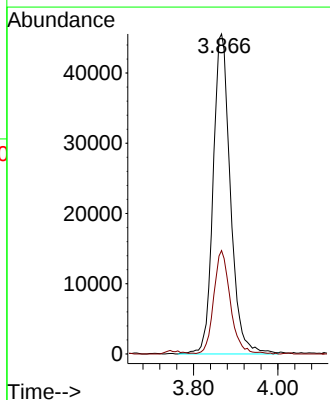
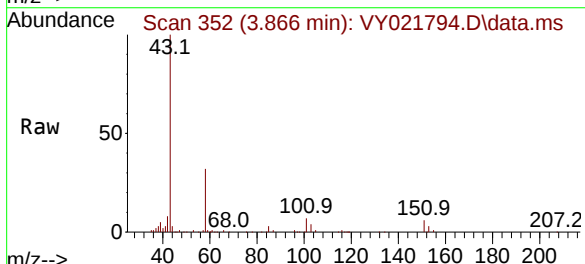
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

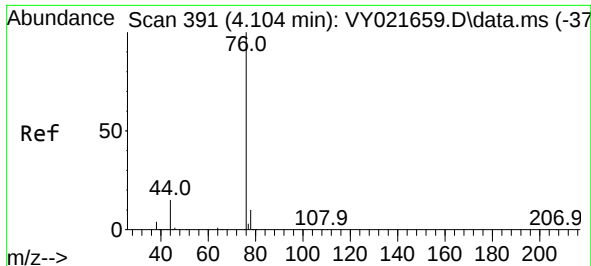
Tgt Ion: 53 Resp: 116368
Ion Ratio Lower Upper
53 100
52 82.5 64.9 97.3
51 39.1 30.2 45.2



#16
Acetone
Concen: 259.165 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 43 Resp: 129207
Ion Ratio Lower Upper
43 100
58 32.3 24.2 36.4

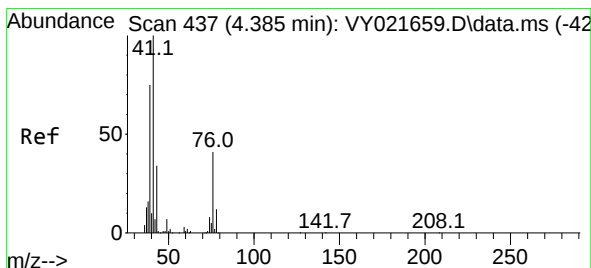
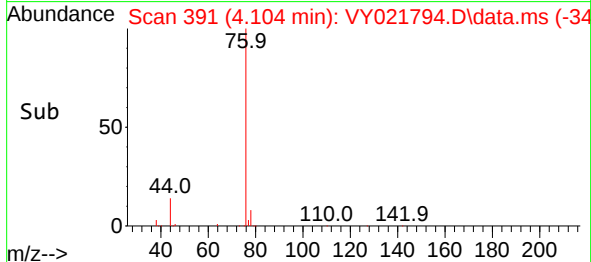
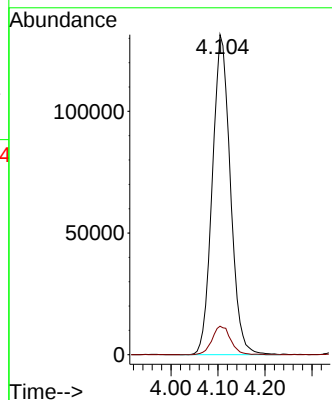
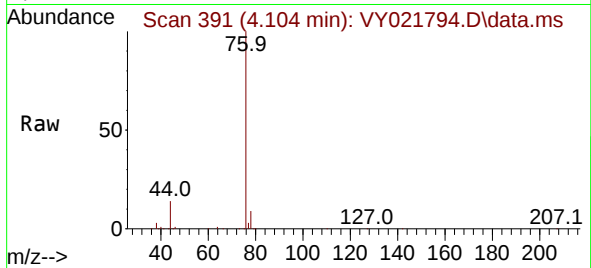




#17
Carbon Disulfide
Concen: 45.073 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

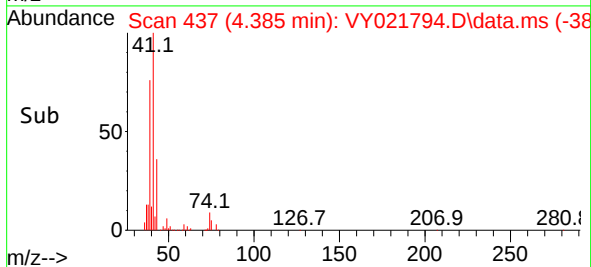
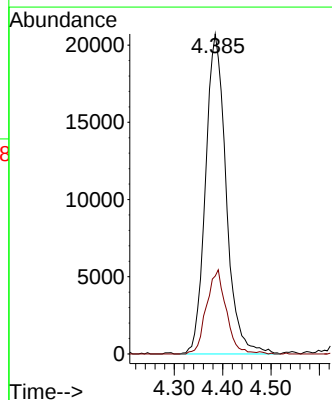
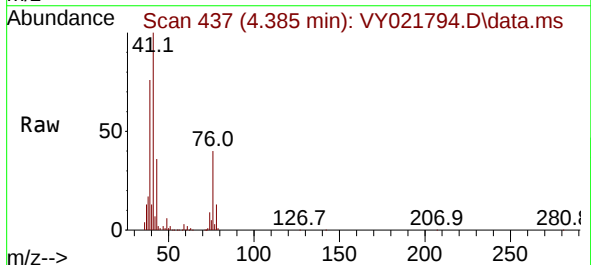
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 350105
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 49.589 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 43 Resp: 61273
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 45.133 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

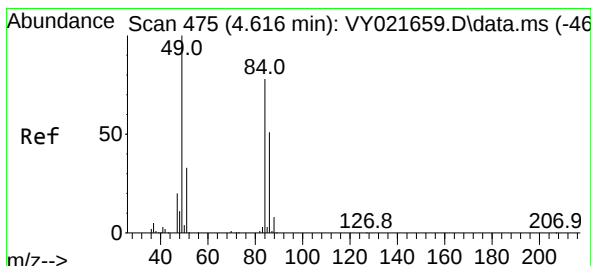
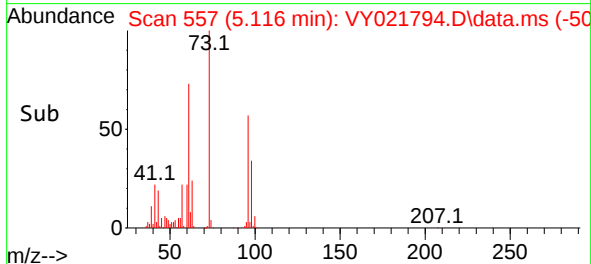
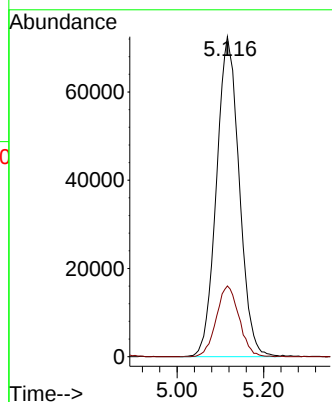
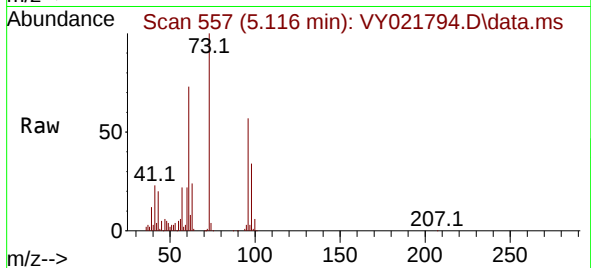
VSTDCCC050

Tgt Ion: 73 Resp: 264988

Ion Ratio Lower Upper

73 100

57 22.1 18.1 27.1



#20

Methylene Chloride

Concen: 48.120 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Tgt Ion: 84 Resp: 117747

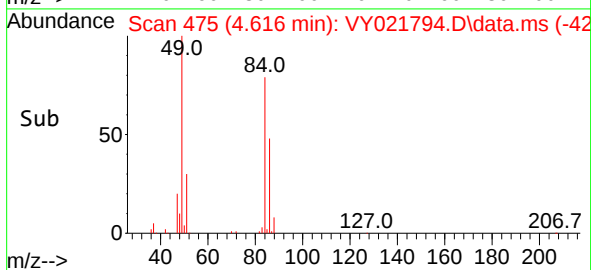
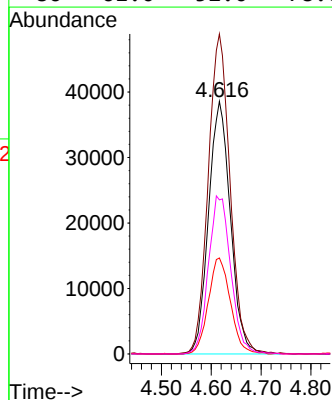
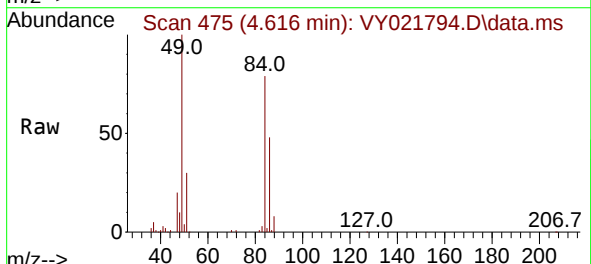
Ion Ratio Lower Upper

84 100

49 126.4 102.8 154.2

51 38.0 33.5 50.3

86 61.0 52.0 78.0

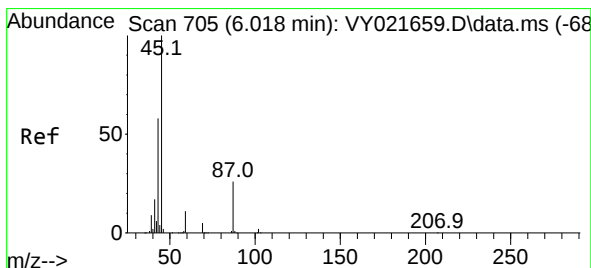
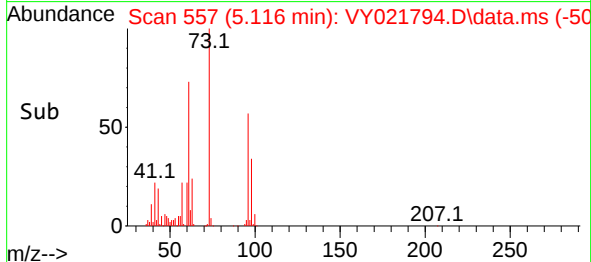
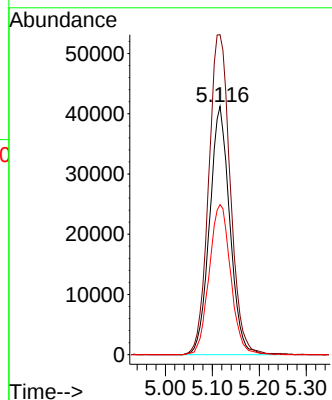
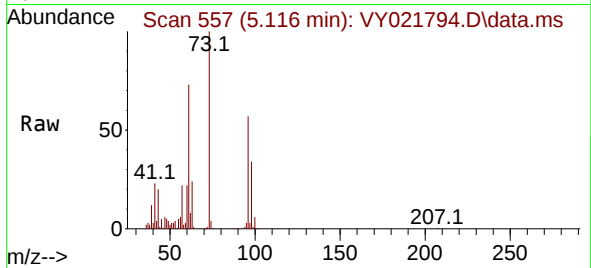




#21
trans-1,2-Dichloroethene
Concen: 47.466 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

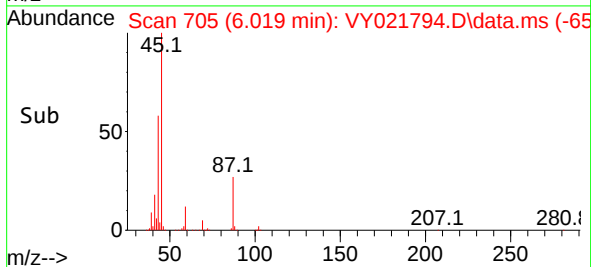
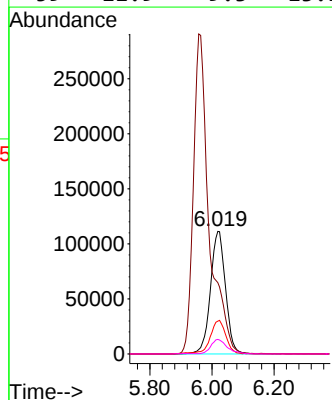
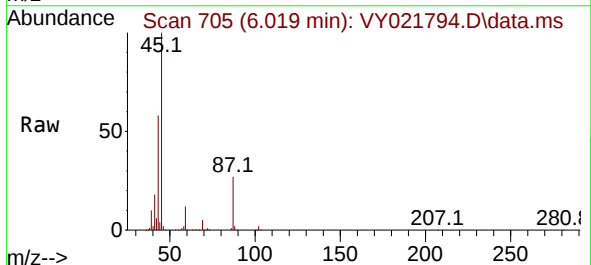
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

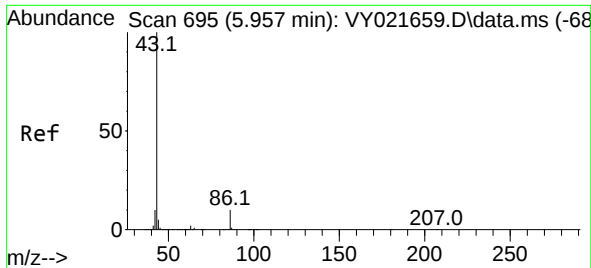
Tgt Ion: 96 Resp: 123247
Ion Ratio Lower Upper
96 100
61 128.9 109.4 164.0
98 60.4 50.2 75.2



#22
Diisopropyl ether
Concen: 47.619 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 45 Resp: 375600
Ion Ratio Lower Upper
45 100
43 58.1 46.6 69.8
87 26.8 20.7 31.1
59 11.9 9.3 13.9

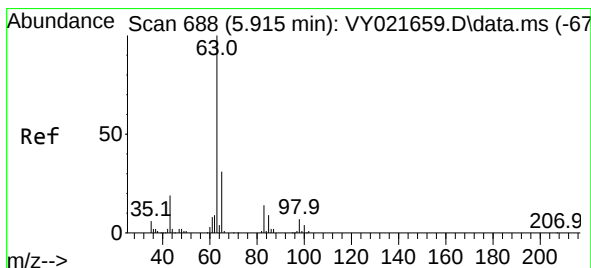
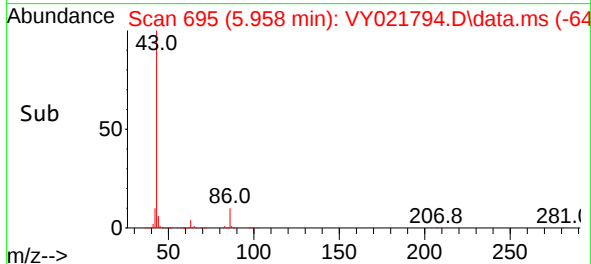
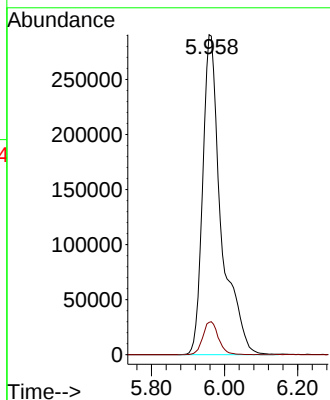
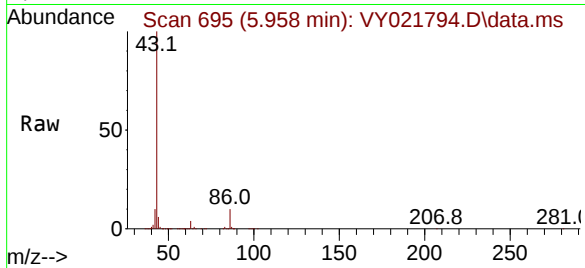




#23
 Vinyl Acetate
 Concen: 220.822 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

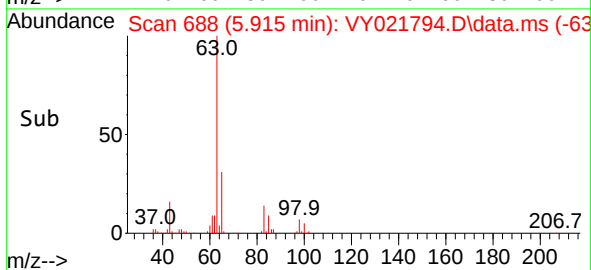
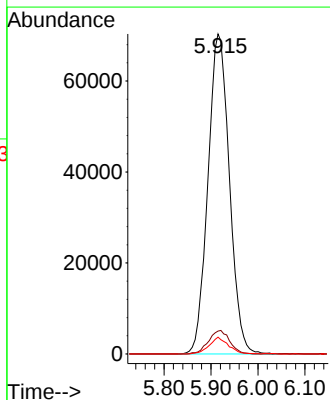
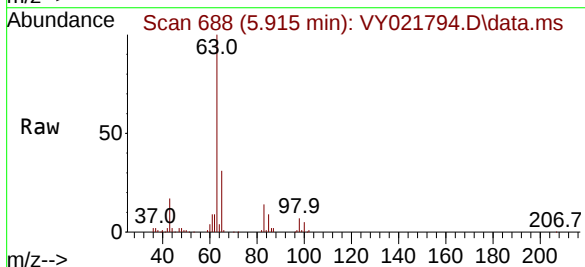
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

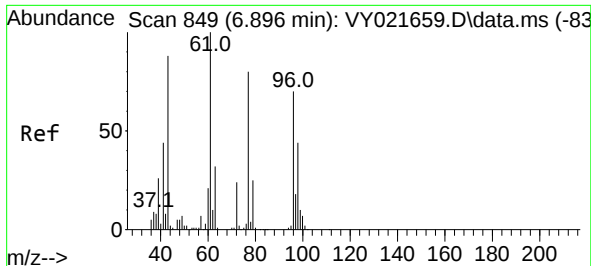
Tgt Ion: 43 Resp: 1018936
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 47.347 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

Tgt Ion: 63 Resp: 223308
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 5.3 2.2 6.6

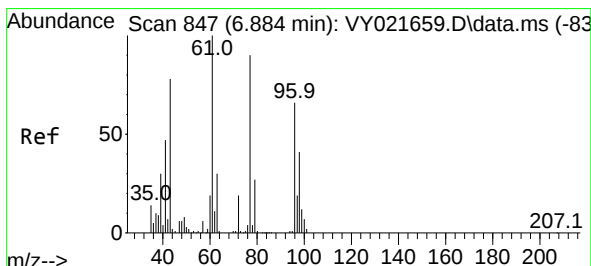
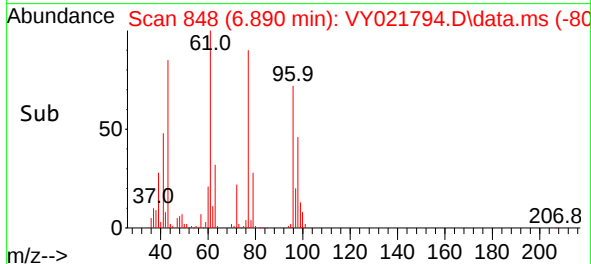
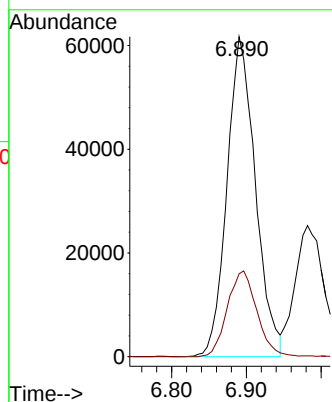
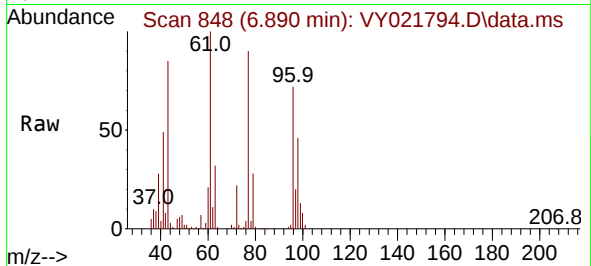




#25
2-Butanone
Concen: 229.196 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

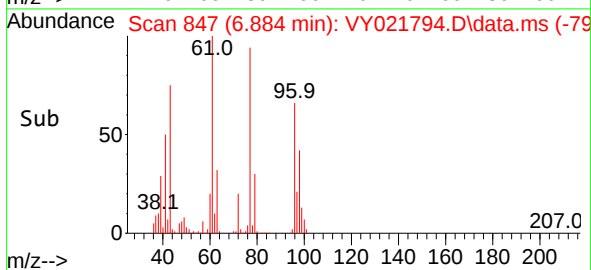
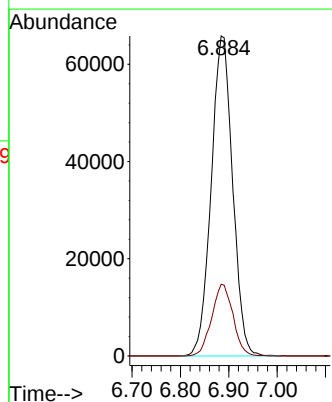
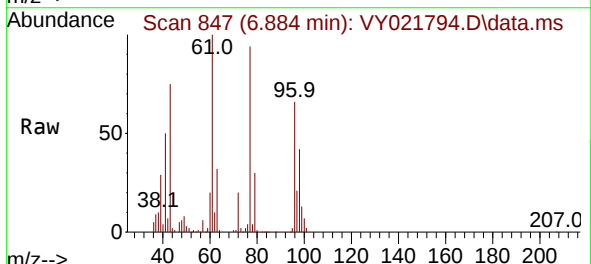
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 163207
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.250 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 77 Resp: 202427
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 47.992 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

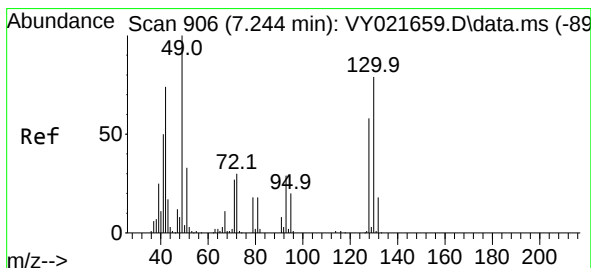
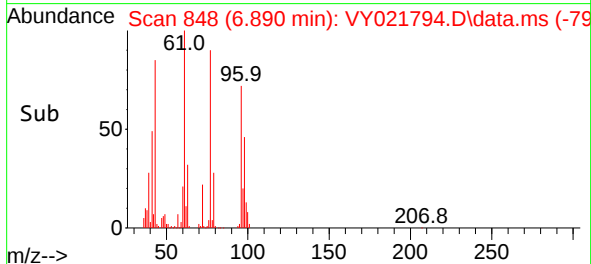
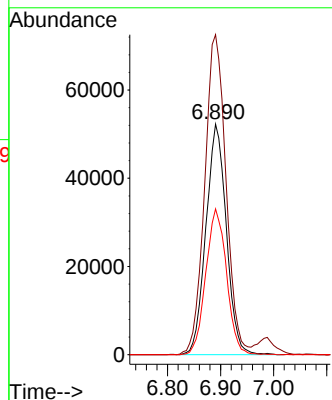
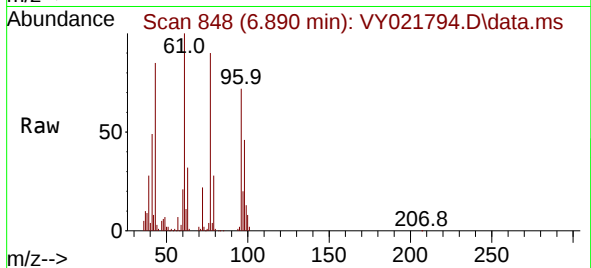
Tgt Ion: 96 Resp: 140137

Ion Ratio Lower Upper

96 100

61 144.6 0.0 296.4

98 64.1 0.0 128.0



#28

Bromochloromethane

Concen: 46.536 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

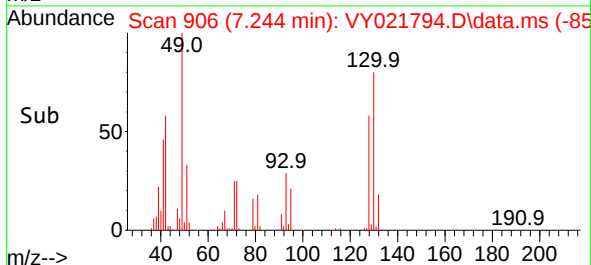
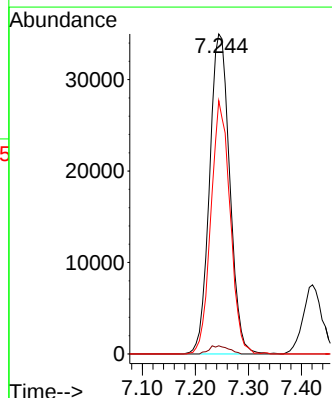
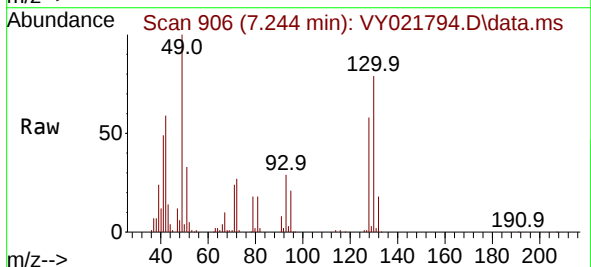
Tgt Ion: 49 Resp: 92565

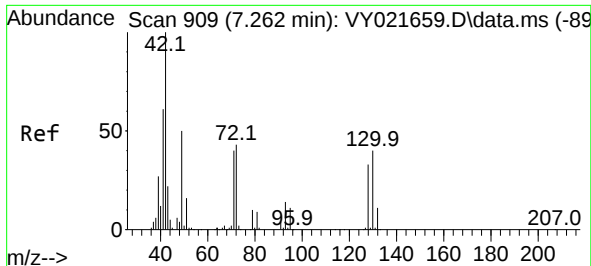
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 75.2 60.1 90.1





#29

Tetrahydrofuran

Concen: 215.053 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

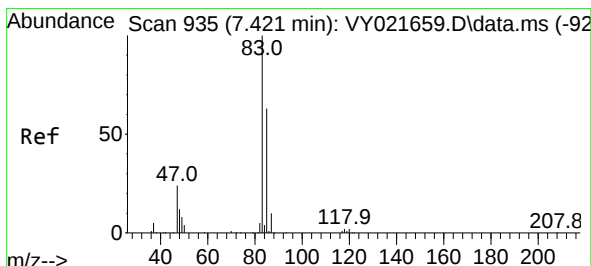
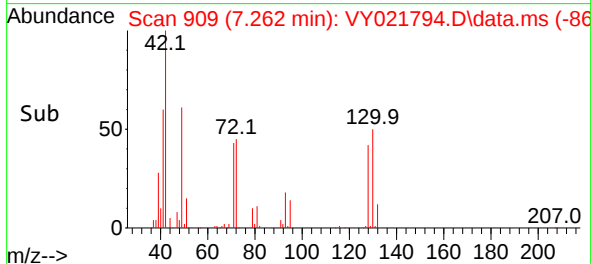
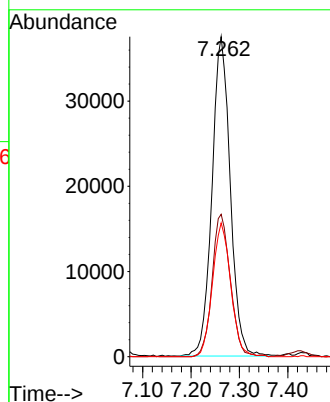
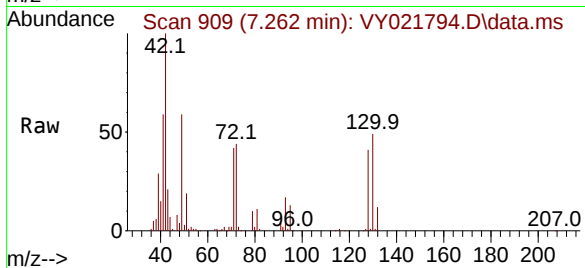
Tgt Ion: 42 Resp: 98557

Ion Ratio Lower Upper

42 100

72 44.4 34.6 52.0

71 41.9 32.5 48.7



#30

Chloroform

Concen: 47.595 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021794.D

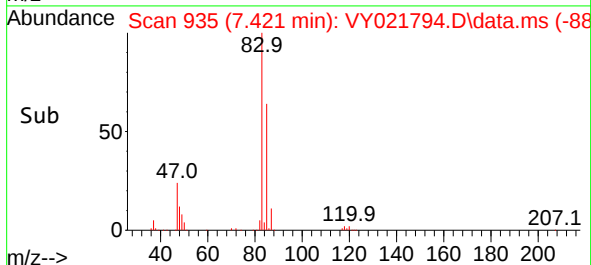
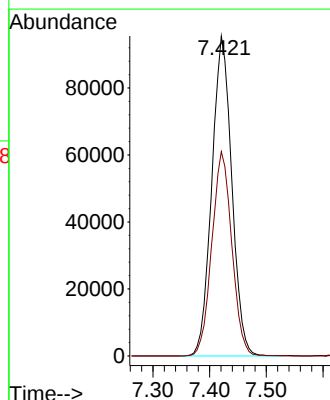
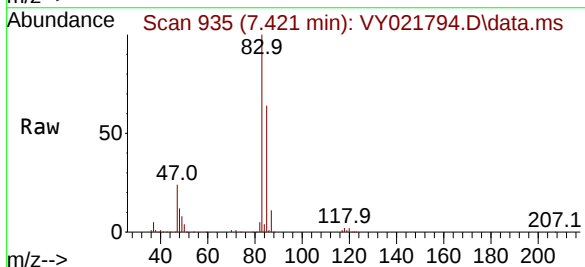
Acq: 07 Apr 2025 09:10

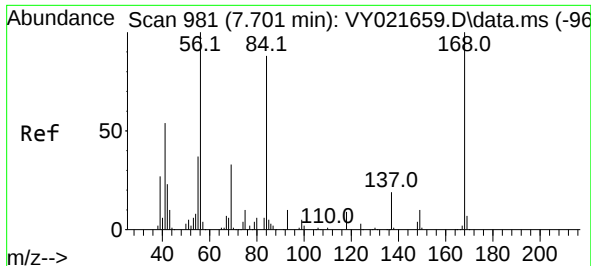
Tgt Ion: 83 Resp: 233479

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

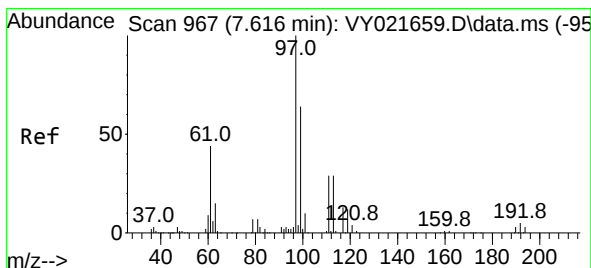
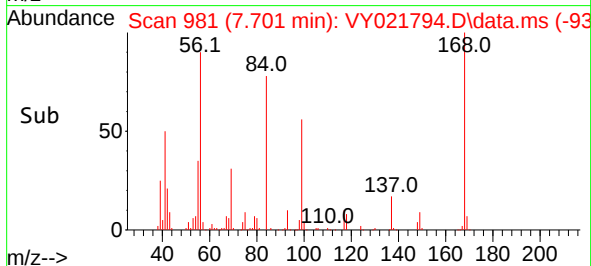
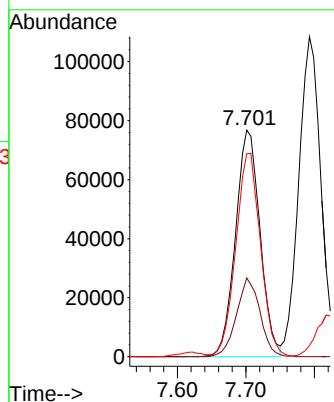
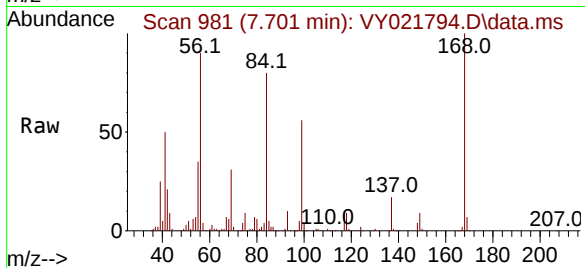




#31
Cyclohexane
Concen: 44.546 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

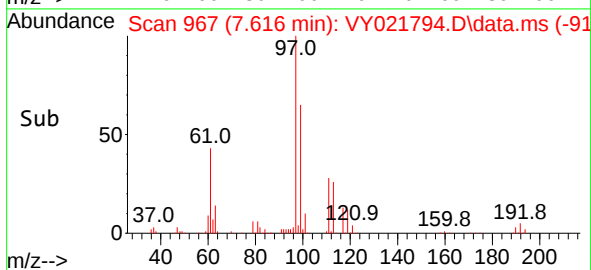
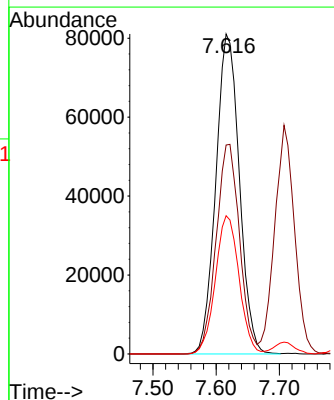
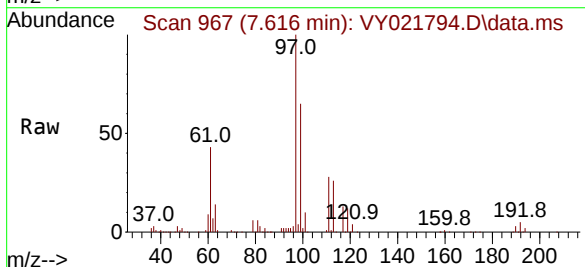
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

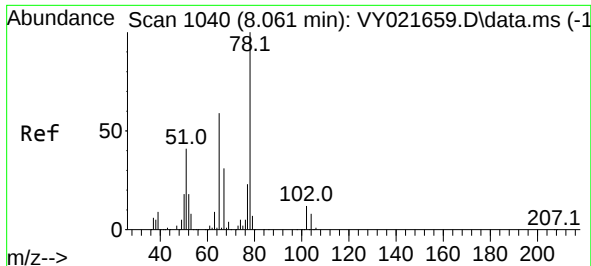
Tgt Ion: 56 Resp: 191520
Ion Ratio Lower Upper
56 100
69 34.7 26.6 40.0
84 88.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 47.227 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 97 Resp: 209391
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.075 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

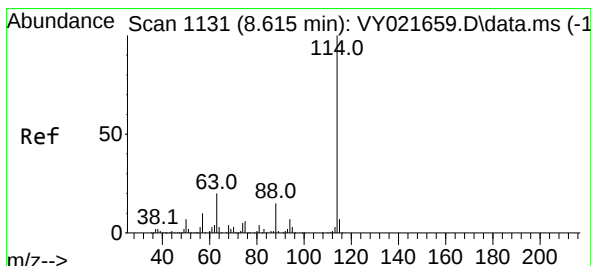
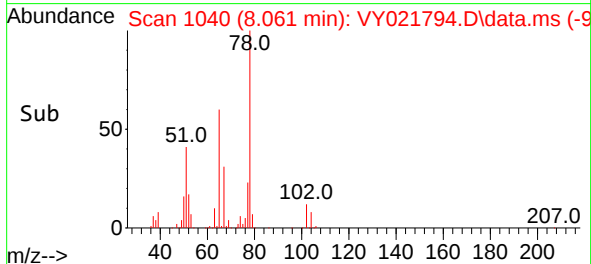
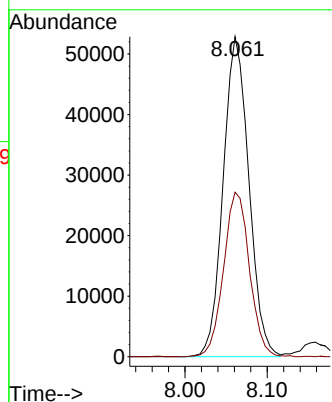
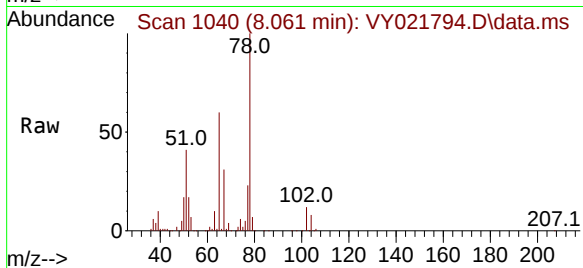
VSTDCCC050

Tgt Ion: 65 Resp: 114675

Ion Ratio Lower Upper

65 100

67 51.9 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: VY021794.D

Acq: 07 Apr 2025 09:10

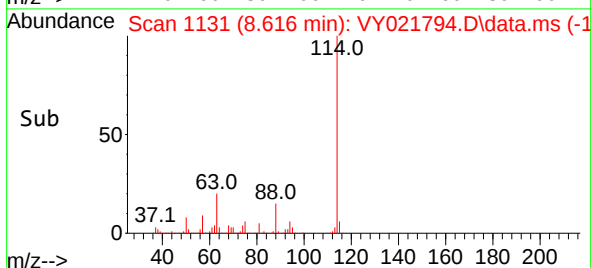
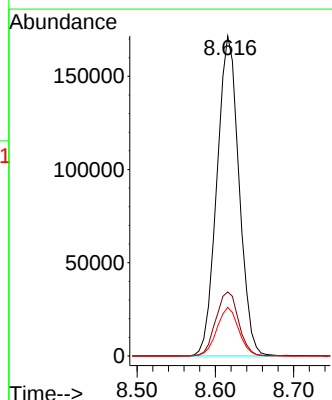
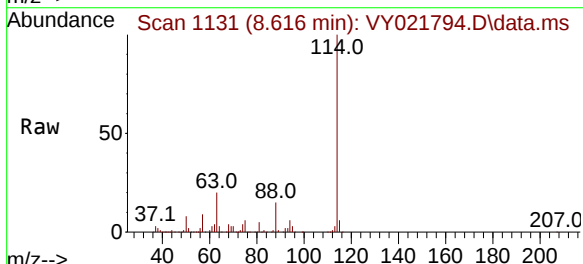
Tgt Ion: 114 Resp: 336981

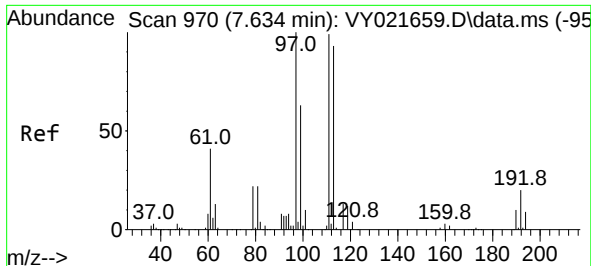
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.2 0.0 29.8

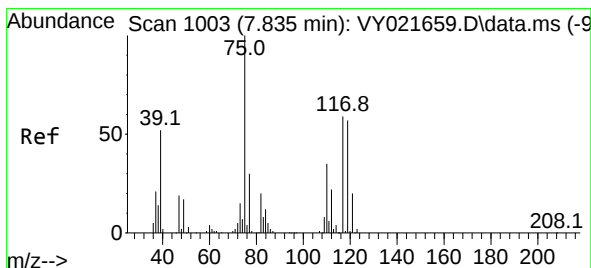
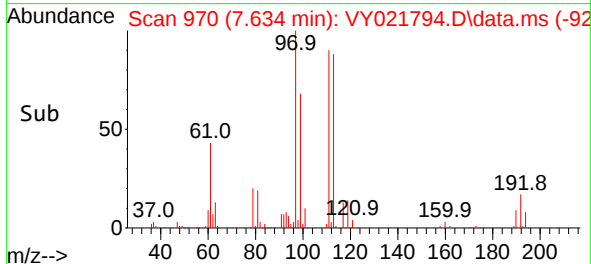
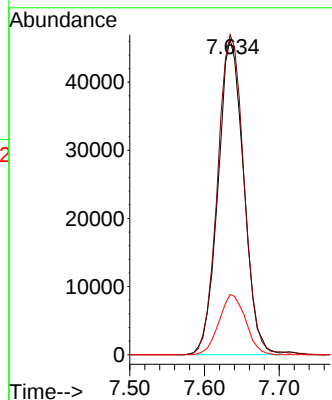
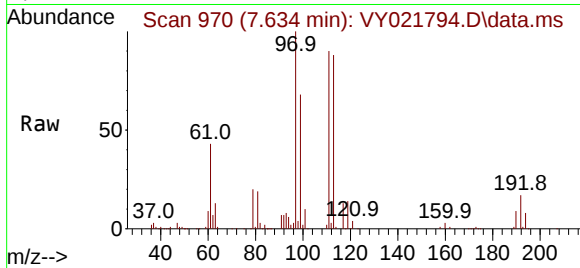




#35
 Dibromofluoromethane
 Concen: 50.509 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

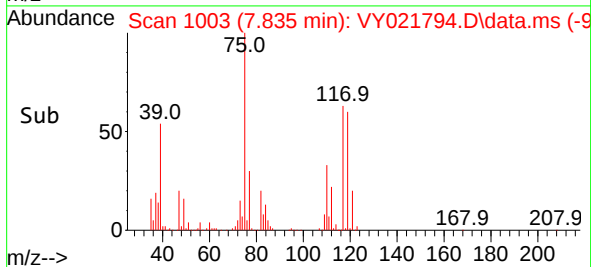
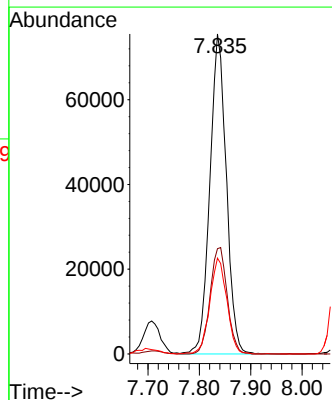
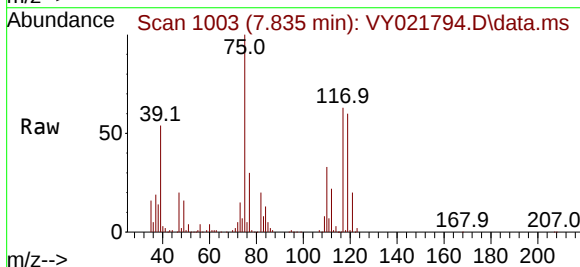
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

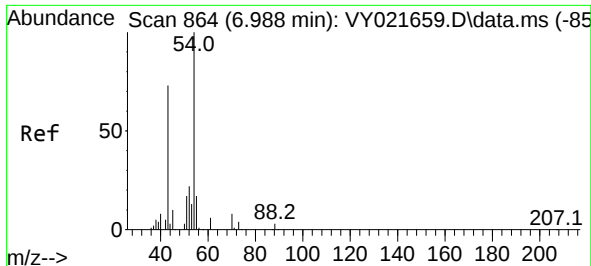
Tgt Ion:113 Resp: 110409
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.6 123.8
 192 19.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 50.545 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

Tgt Ion: 75 Resp: 168291
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.0 50.9
 77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 44.251 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

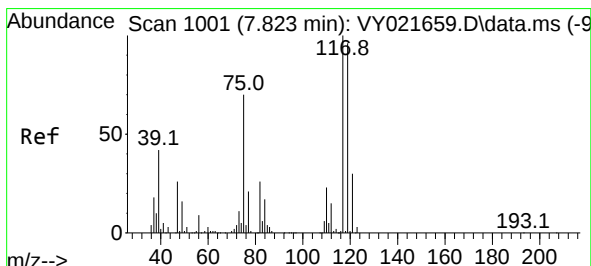
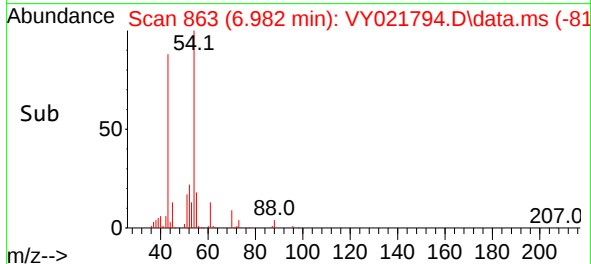
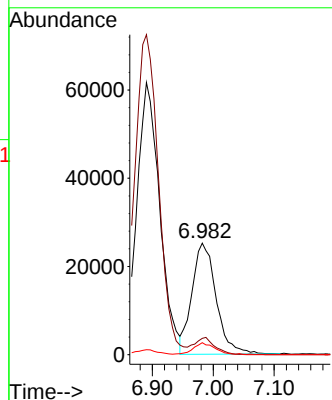
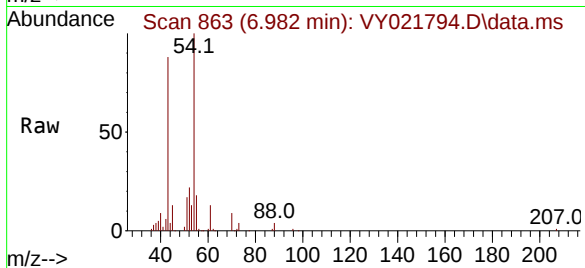
Tgt Ion: 43 Resp: 69534

Ion Ratio Lower Upper

43 100

61 12.6 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 50.753 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

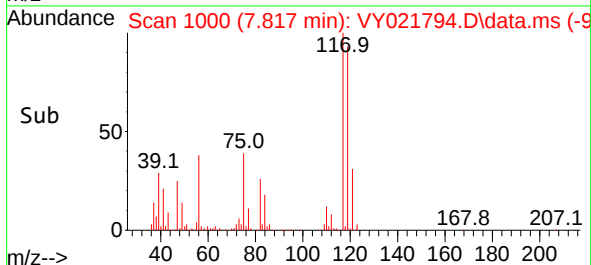
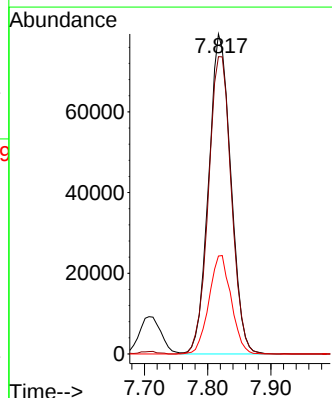
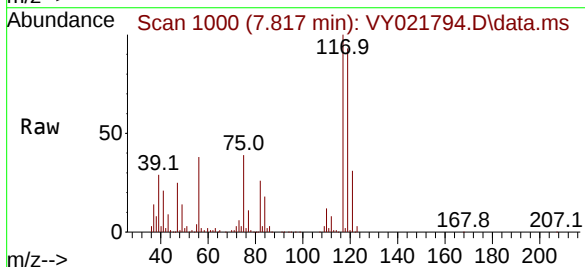
Tgt Ion: 117 Resp: 193545

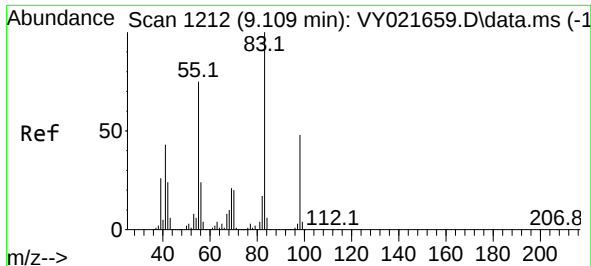
Ion Ratio Lower Upper

117 100

119 92.9 76.2 114.4

121 30.6 24.2 36.4





#39

Methylcyclohexane

Concen: 48.886 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

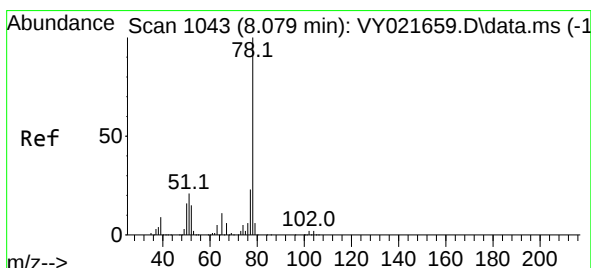
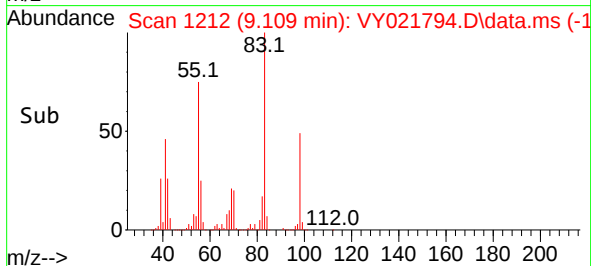
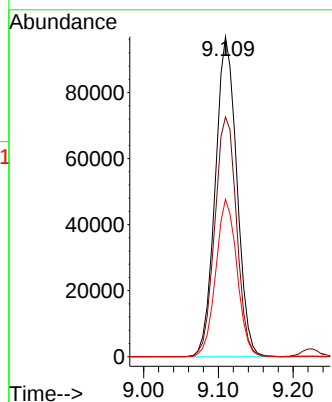
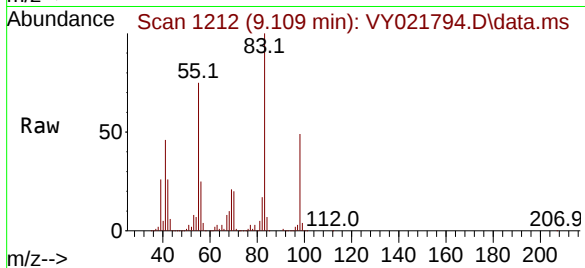
Tgt Ion: 83 Resp: 194442

Ion Ratio Lower Upper

83 100

55 74.9 59.7 89.5

98 49.2 38.3 57.5



#40

Benzene

Concen: 50.325 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021794.D

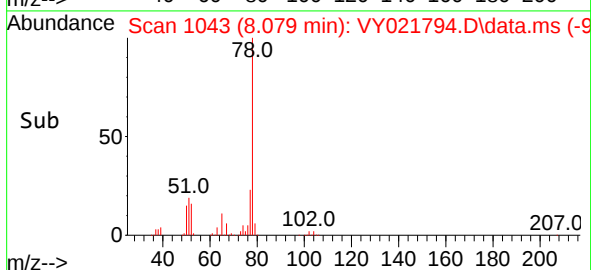
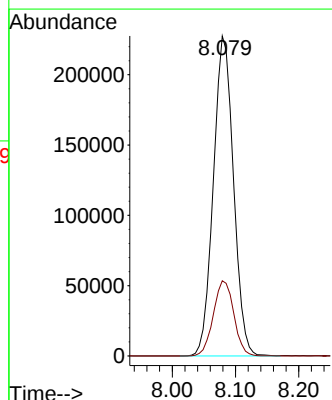
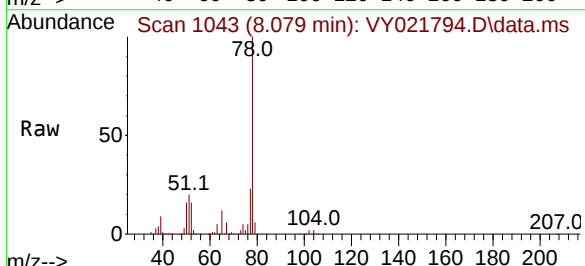
Acq: 07 Apr 2025 09:10

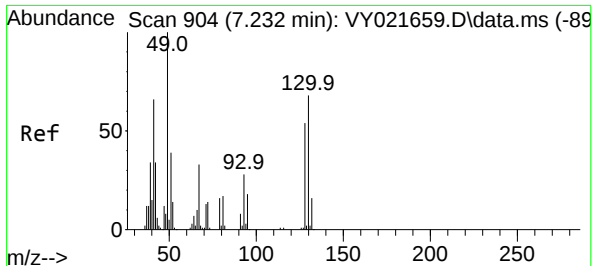
Tgt Ion: 78 Resp: 501796

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

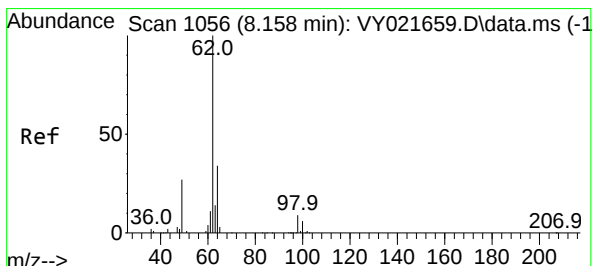
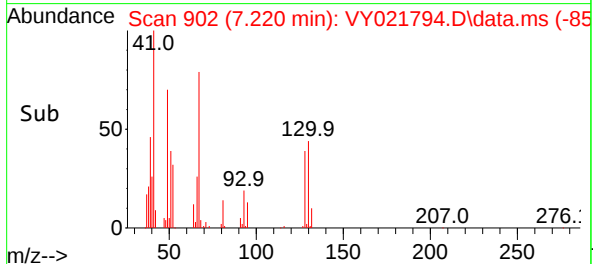
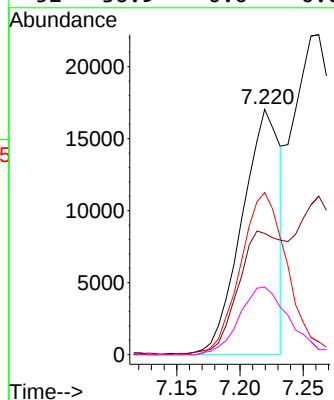
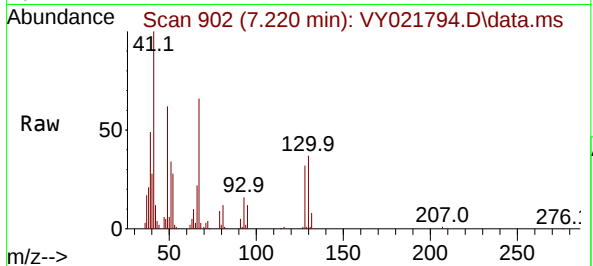




#41
Methacrylonitrile
Concen: 42.682 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

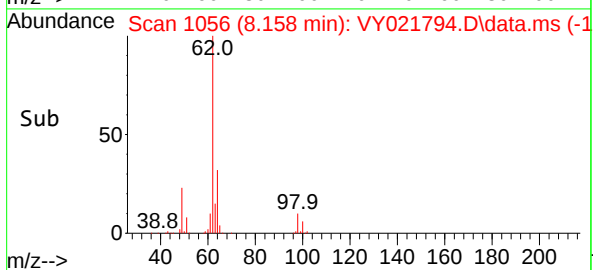
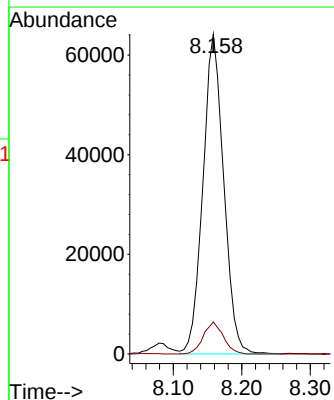
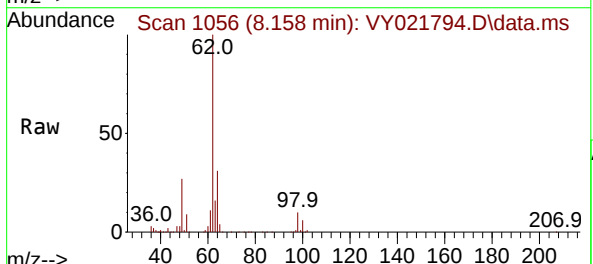
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

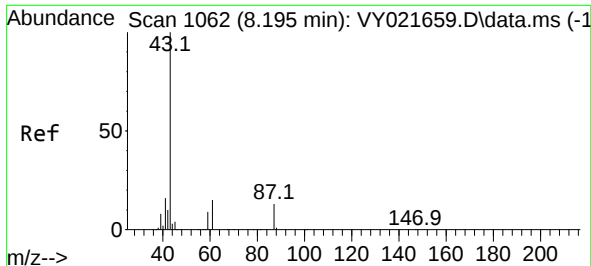
Tgt Ion: 41 Resp: 35618
Ion Ratio Lower Upper
41 100
39 63.4 0.0 0.0#
67 81.7 0.0 0.0#
52 36.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.260 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 62 Resp: 135660
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4

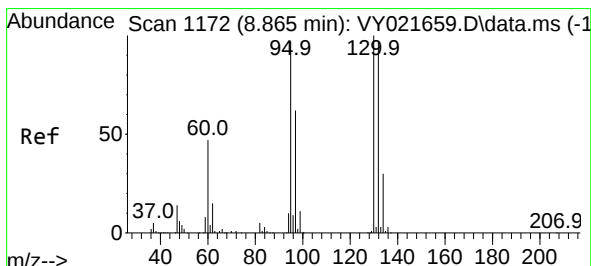
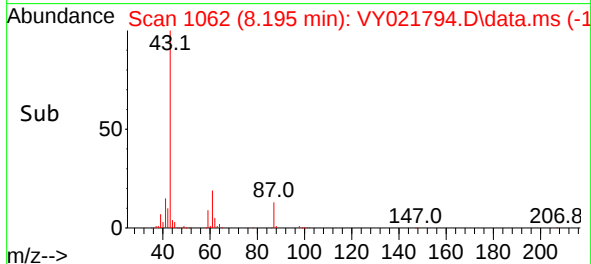
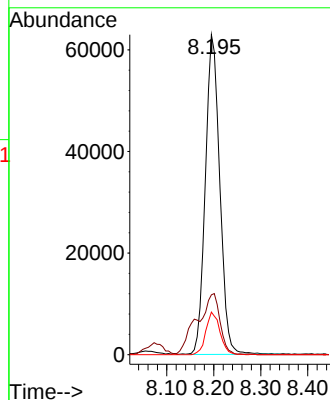
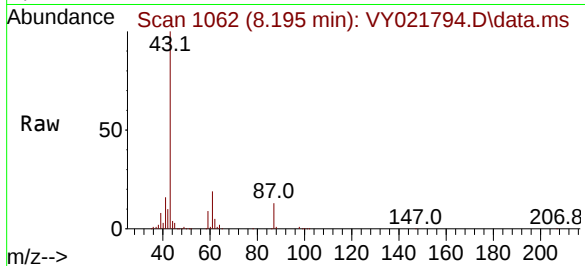




#43
Isopropyl Acetate
Concen: 44.885 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

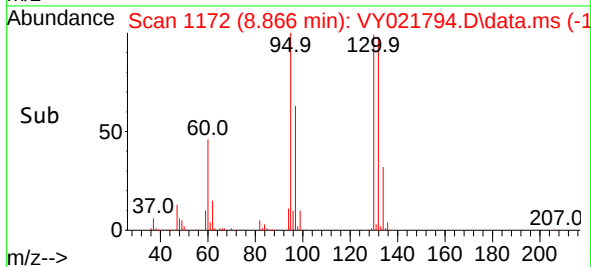
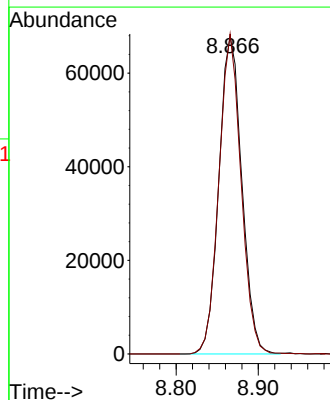
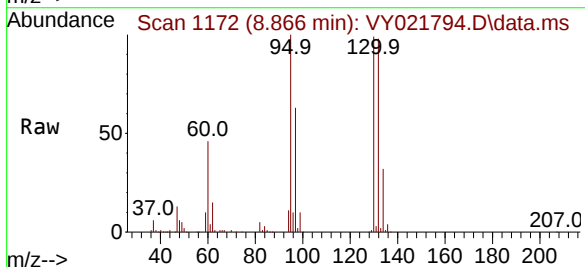
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

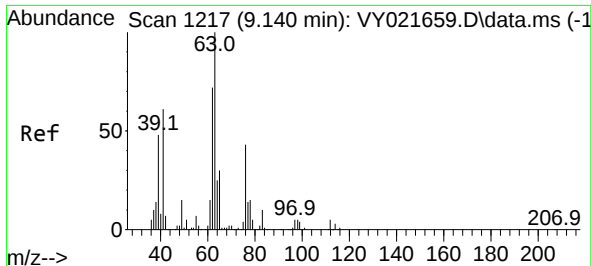
Tgt Ion: 43 Resp: 133660
Ion Ratio Lower Upper
43 100
61 30.1 15.9 23.9#
87 13.0 10.4 15.6



#44
Trichloroethene
Concen: 51.817 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion:130 Resp: 131643
Ion Ratio Lower Upper
130 100
95 100.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.831 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

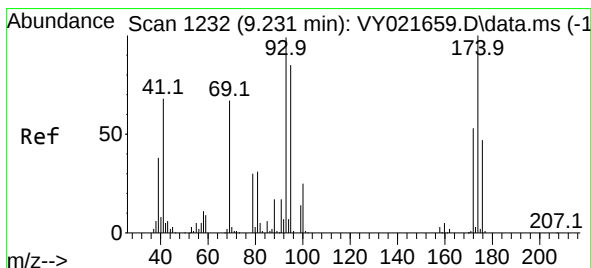
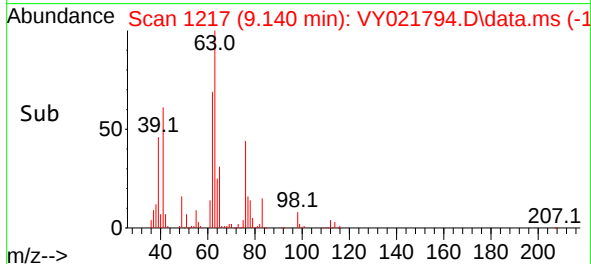
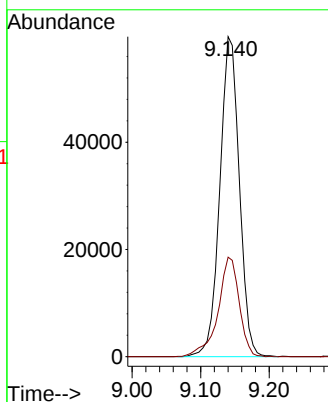
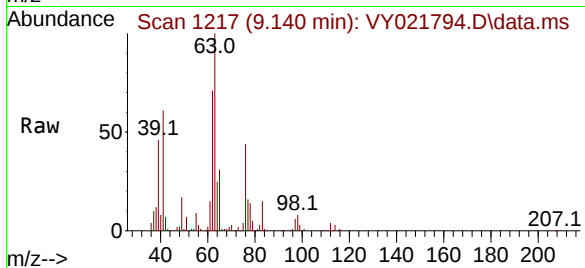
VSTDCCC050

Tgt Ion: 63 Resp: 117612

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 48.034 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

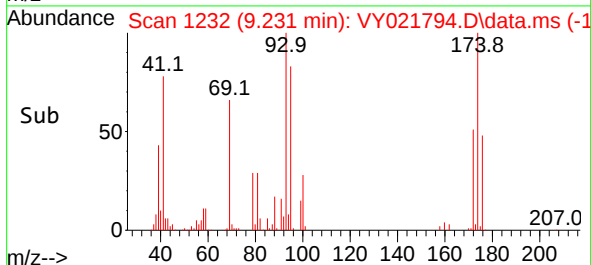
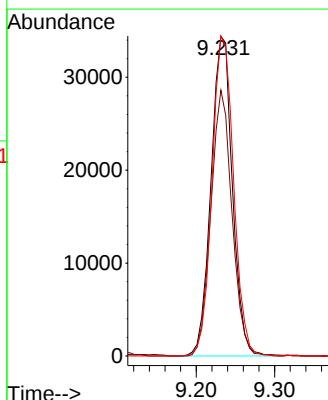
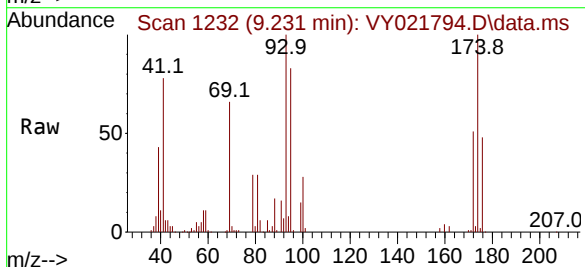
Tgt Ion: 93 Resp: 65338

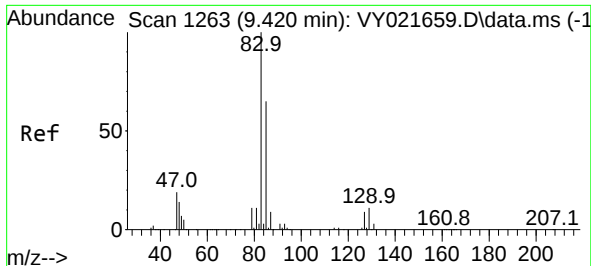
Ion Ratio Lower Upper

93 100

95 82.2 68.1 102.1

174 100.8 80.9 121.3

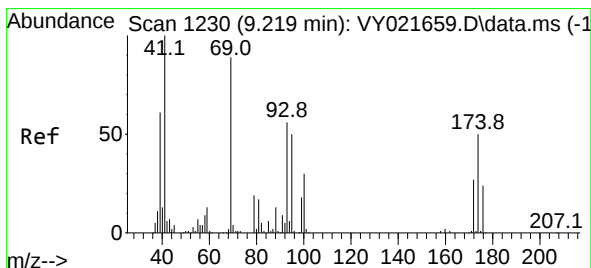
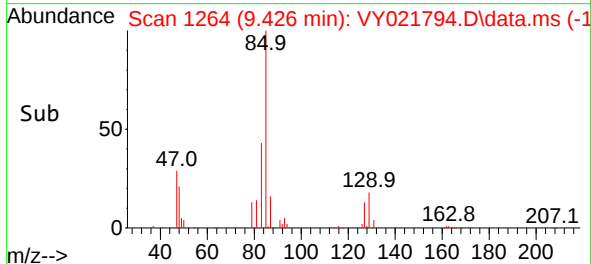
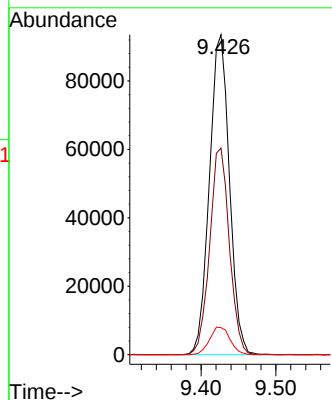
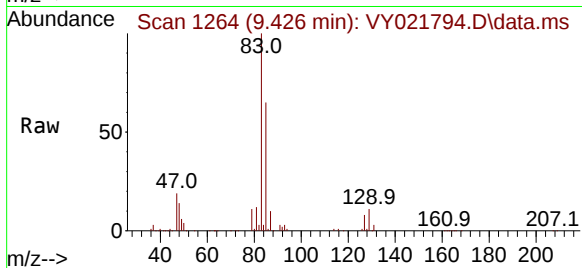




#47
Bromodichloromethane
Concen: 49.419 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

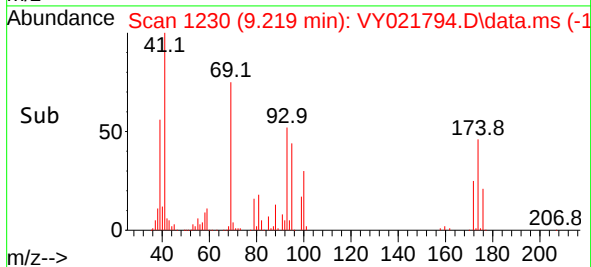
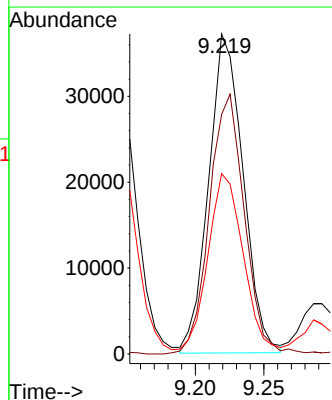
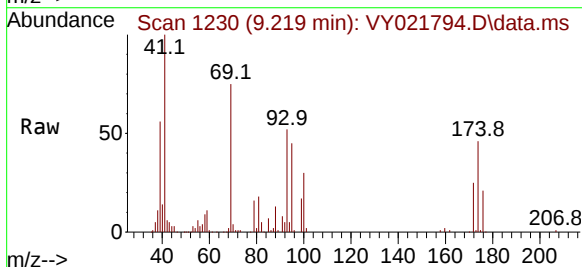
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 174186
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 47.453 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 41 Resp: 64853
Ion Ratio Lower Upper
41 100
69 83.0 69.8 104.8
39 55.7 47.2 70.8





#49

1,4-Dioxane

Concen: 936.467 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

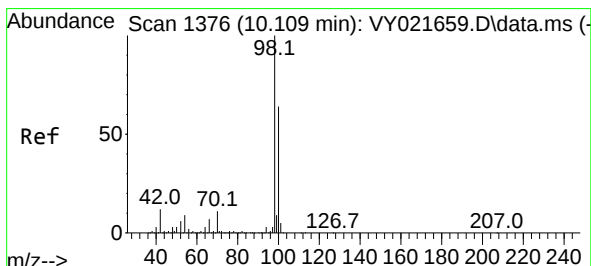
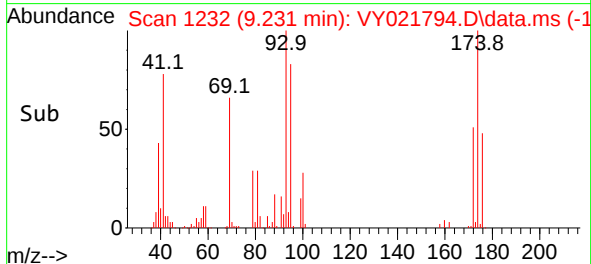
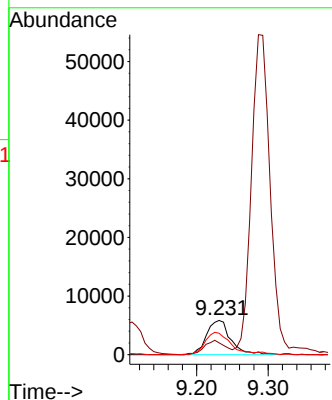
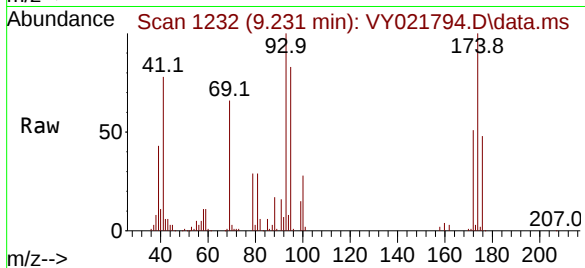
Tgt Ion: 88 Resp: 13646

Ion Ratio Lower Upper

88 100

43 36.4 28.8 43.2

58 68.3 59.4 89.2



#50

Toluene-d8

Concen: 51.740 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021794.D

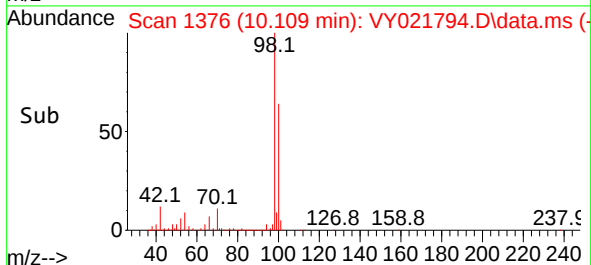
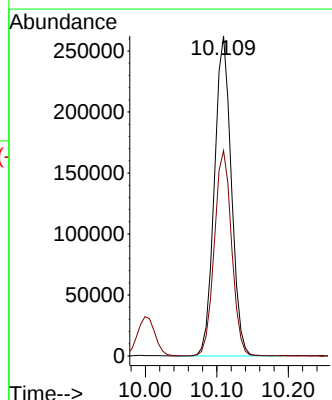
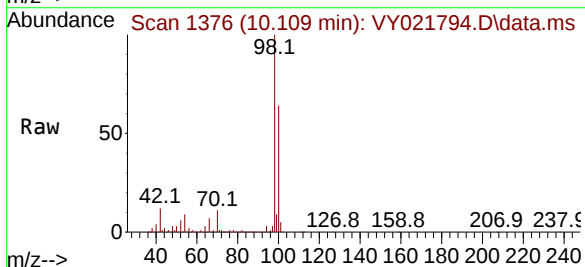
Acq: 07 Apr 2025 09:10

Tgt Ion: 98 Resp: 430269

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 232.887 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

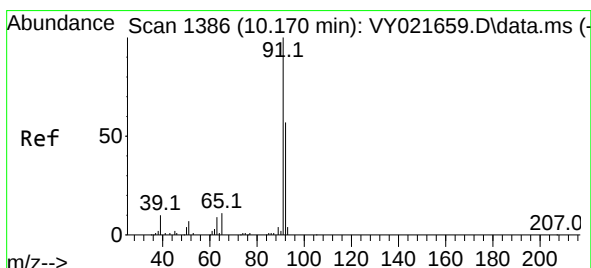
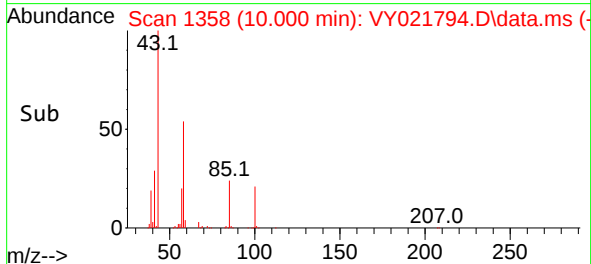
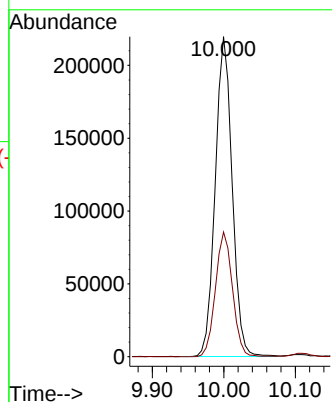
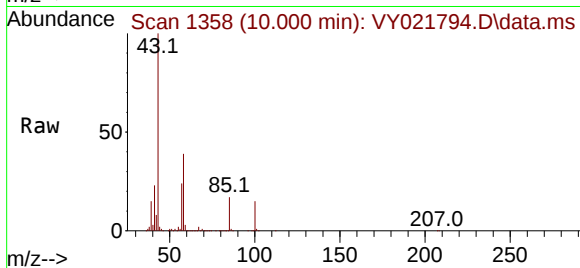
VSTDCCC050

Tgt Ion: 43 Resp: 360893

Ion Ratio Lower Upper

43 100

58 39.2 31.5 47.3



#52

Toluene

Concen: 51.304 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021794.D

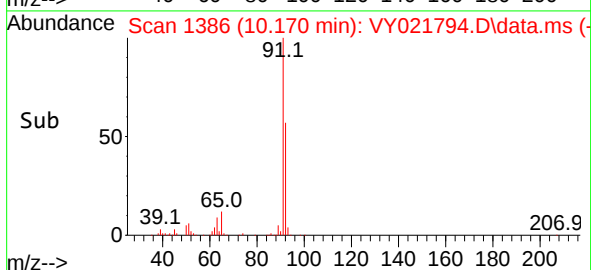
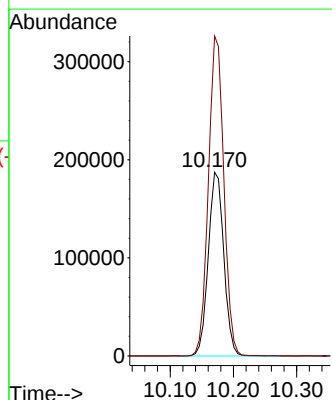
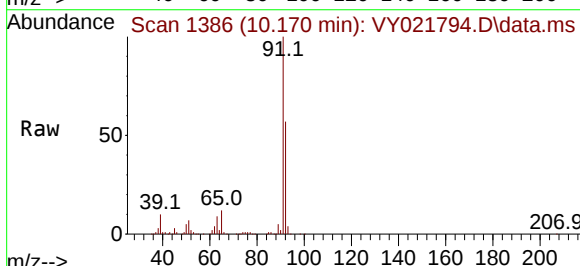
Acq: 07 Apr 2025 09:10

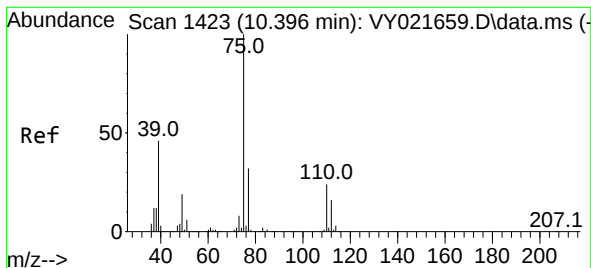
Tgt Ion: 92 Resp: 319169

Ion Ratio Lower Upper

92 100

91 173.5 138.6 207.8

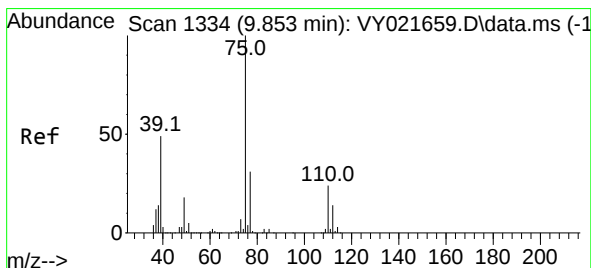
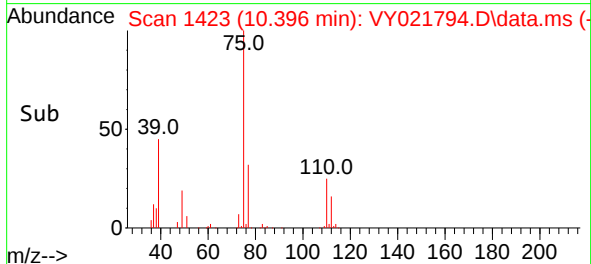
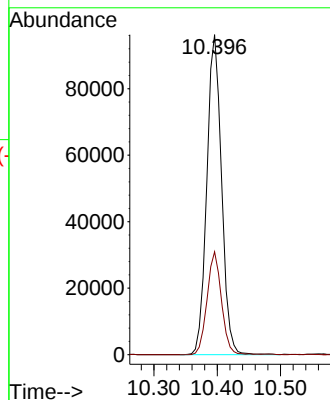
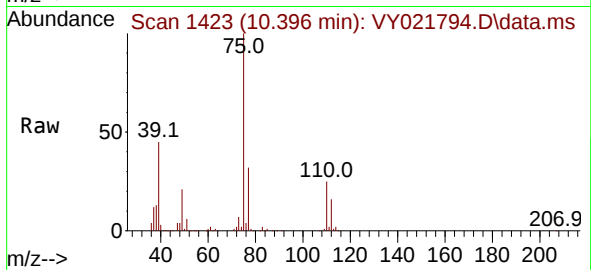




#53
 t-1,3-Dichloropropene
 Concen: 49.804 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

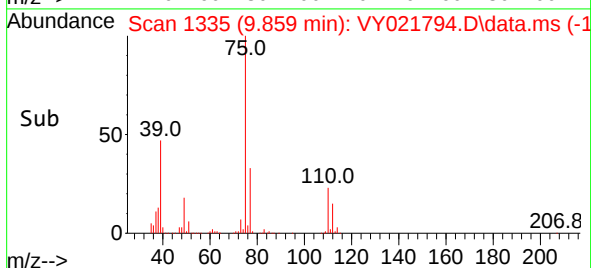
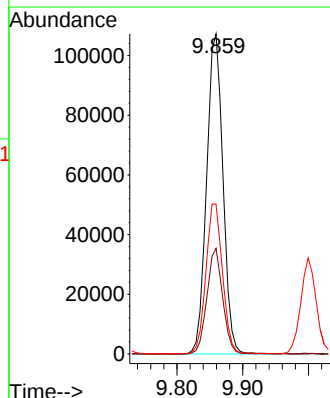
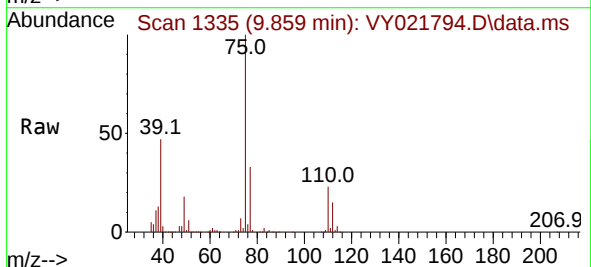
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

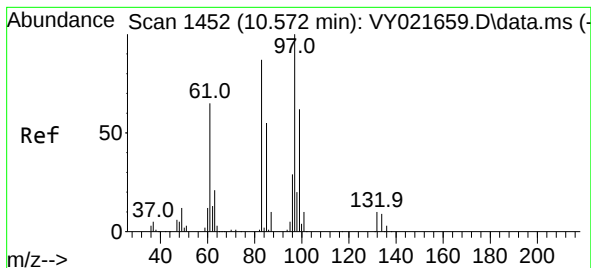
Tgt Ion: 75 Resp: 155920
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.219 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

Tgt Ion: 75 Resp: 185476
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.9 37.3
 39 46.7 39.2 58.8

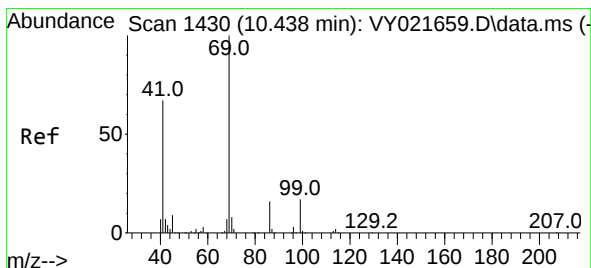
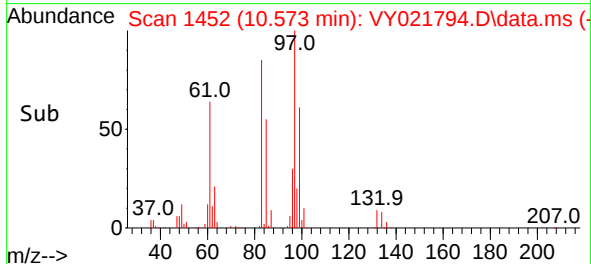
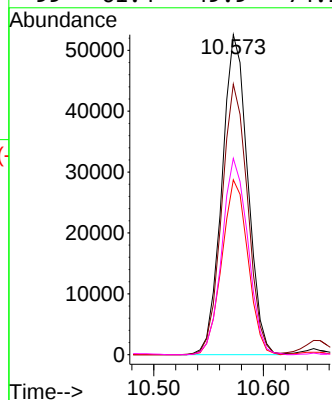
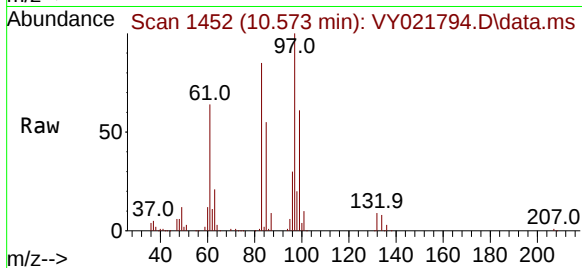




#55
 1,1,2-Trichloroethane
 Concen: 49.131 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

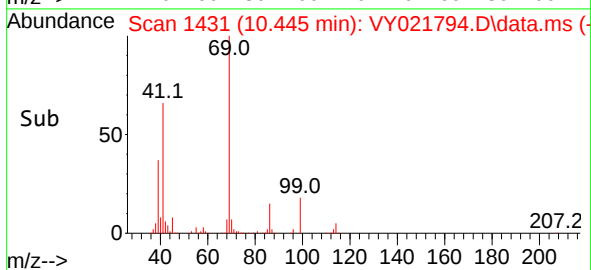
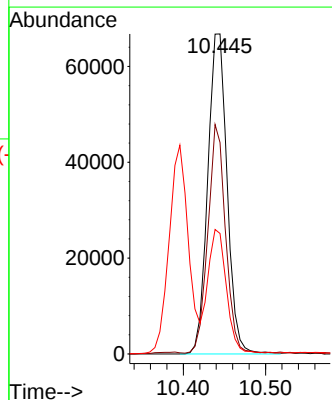
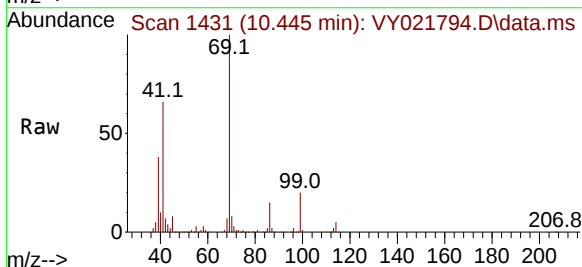
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97	Resp: 86004
Ion Ratio	Lower Upper
97 100	
83 84.6	69.5 104.3
85 54.6	43.9 65.9
99 61.4	49.9 74.9



#56
 Ethyl methacrylate
 Concen: 48.850 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

Tgt Ion: 69	Resp: 109189
Ion Ratio	Lower Upper
69 100	
41 65.1	53.8 80.6
39 36.8	29.6 44.4





#57

1,3-Dichloropropane

Concen: 49.319 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

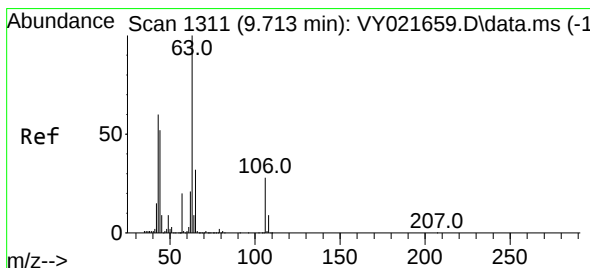
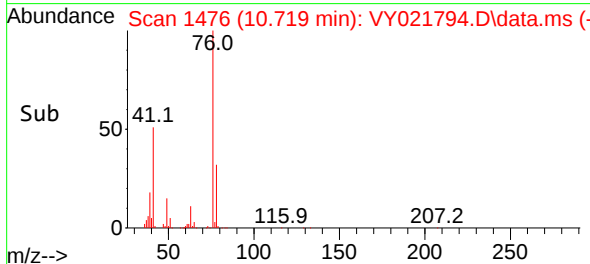
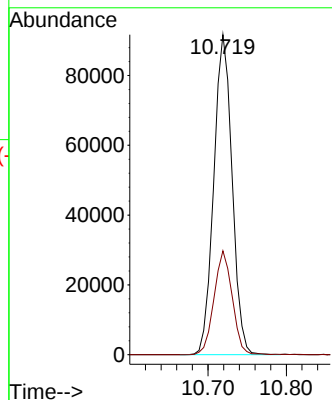
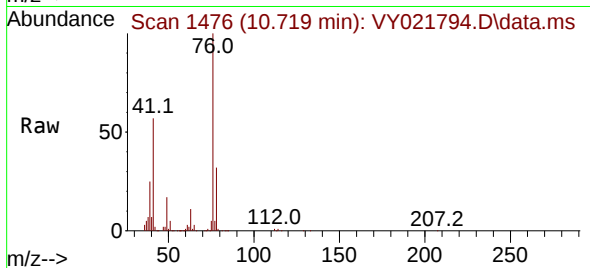
VSTDCCC050

Tgt Ion: 76 Resp: 149100

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 258.748 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021794.D

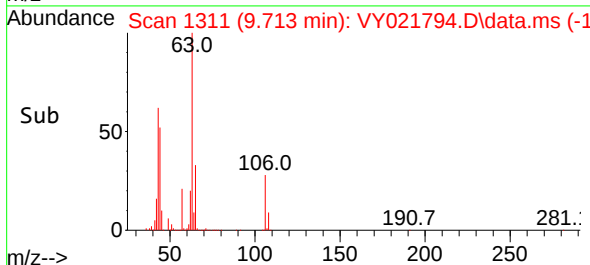
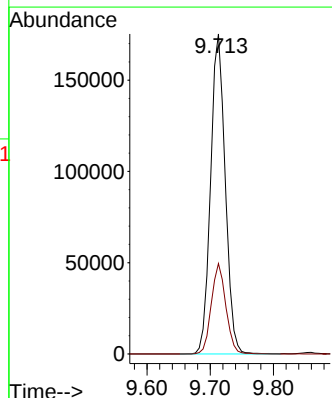
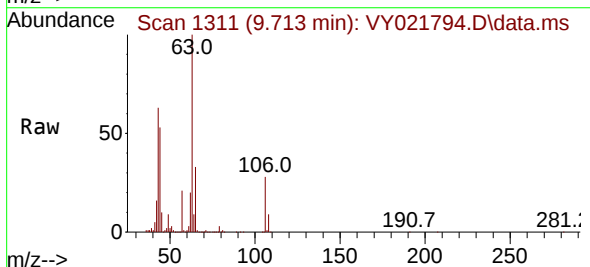
Acq: 07 Apr 2025 09:10

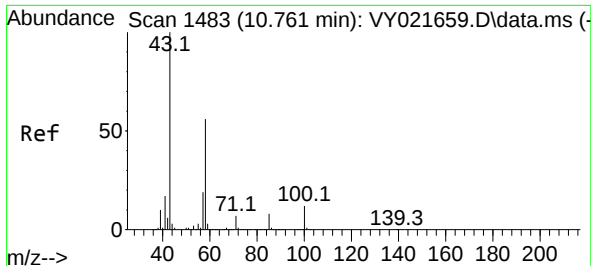
Tgt Ion: 63 Resp: 282136

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

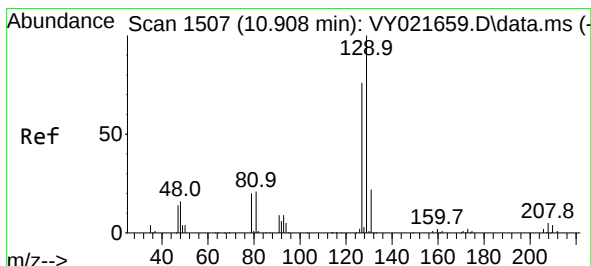
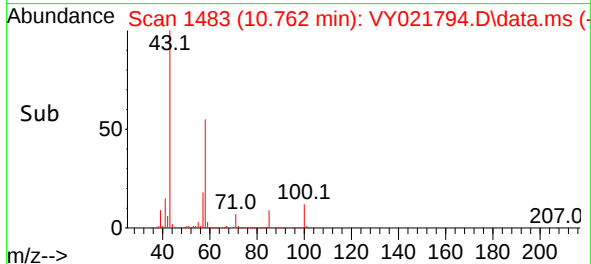
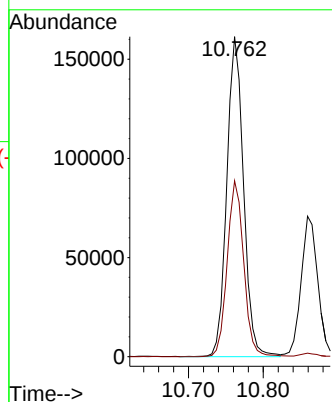
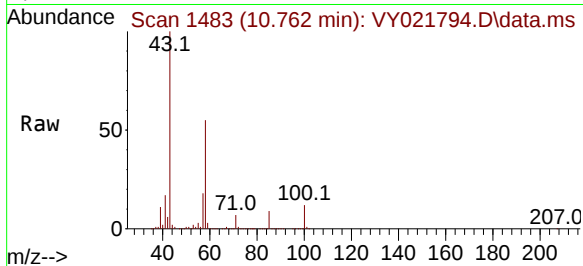




#59
2-Hexanone
Concen: 243.444 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

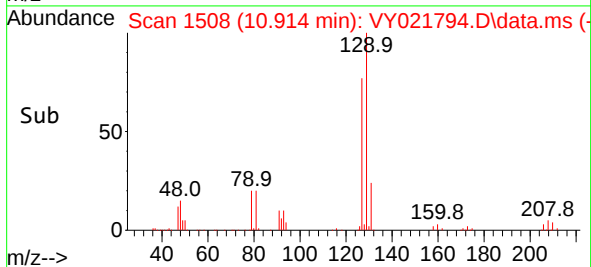
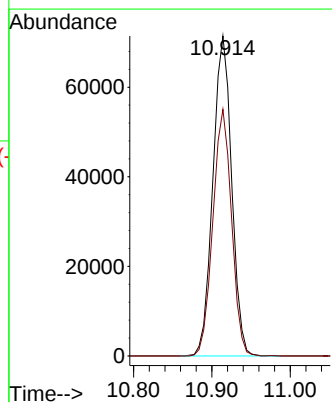
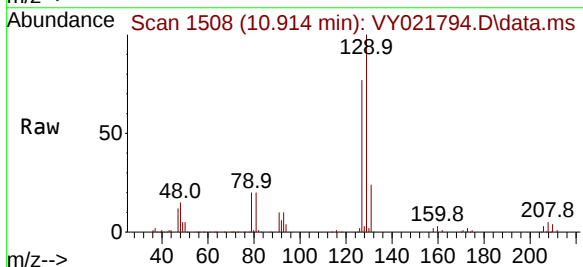
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

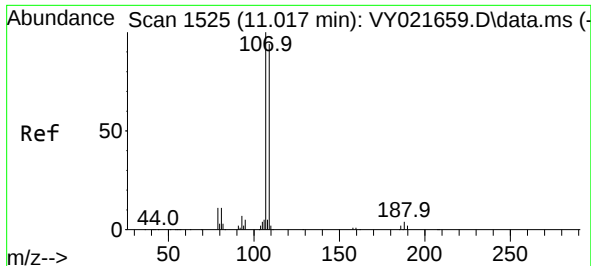
Tgt Ion: 43 Resp: 251244
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5



#60
Dibromochloromethane
Concen: 49.743 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 129 Resp: 118885
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

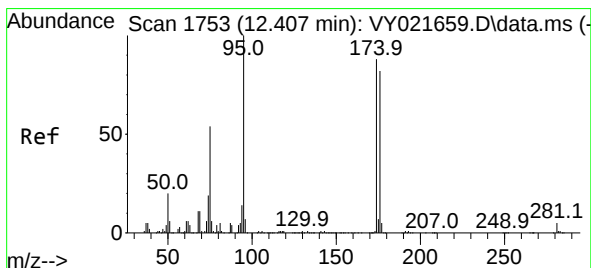
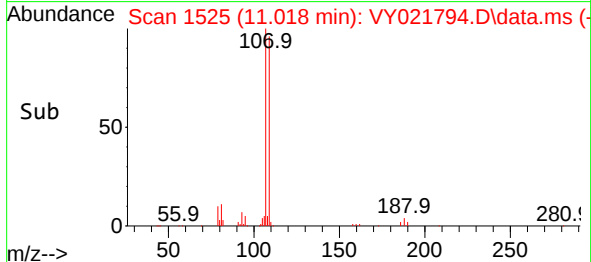
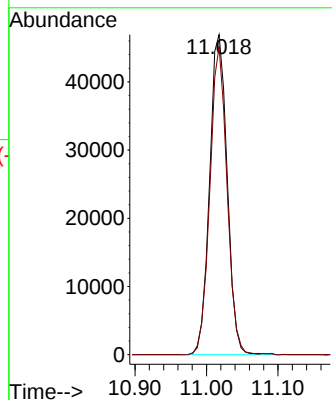
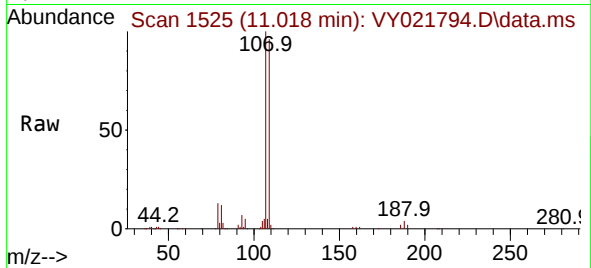




#61
1,2-Dibromoethane
Concen: 48.727 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

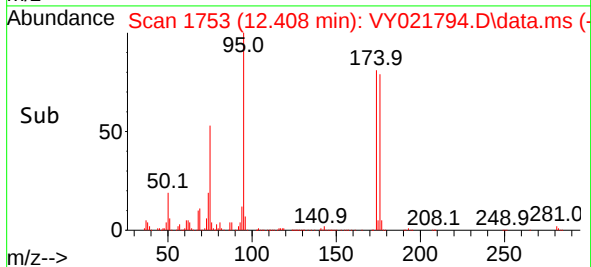
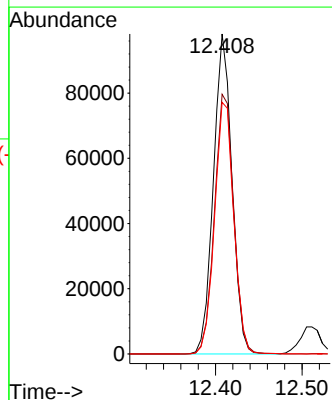
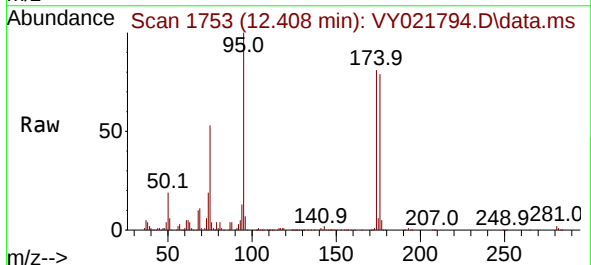
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

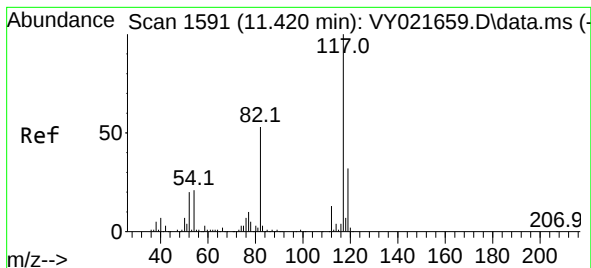
Tgt Ion:107 Resp: 80014
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.914 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 95 Resp: 146026
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 81.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

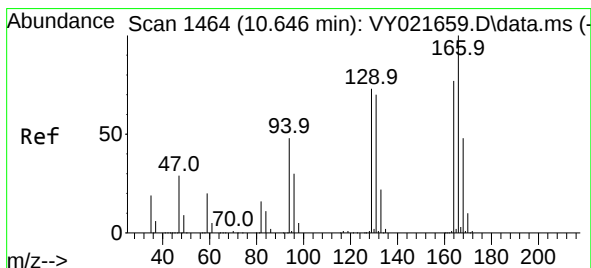
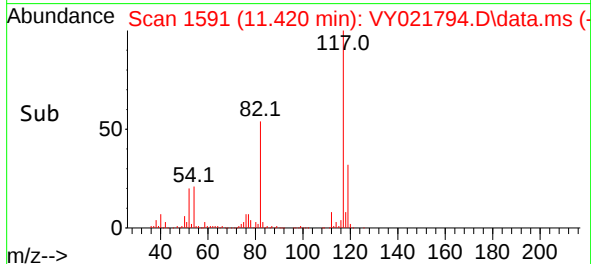
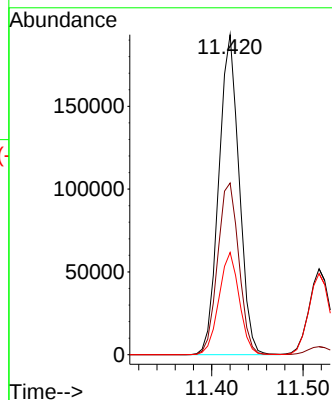
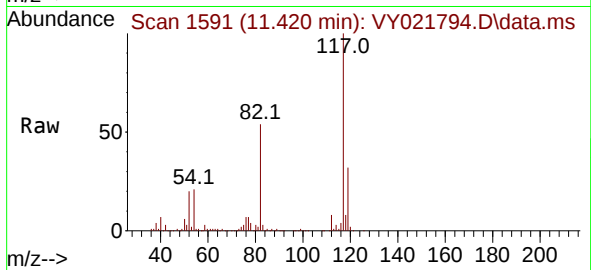
Tgt Ion:117 Resp: 298811

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 54.654 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Tgt Ion:164 Resp: 148740

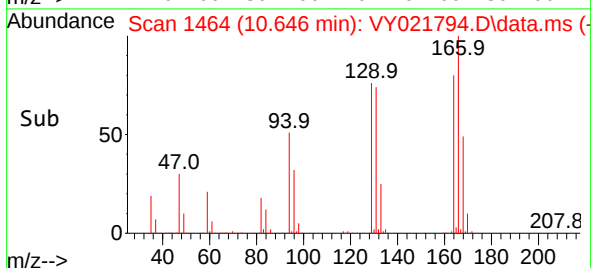
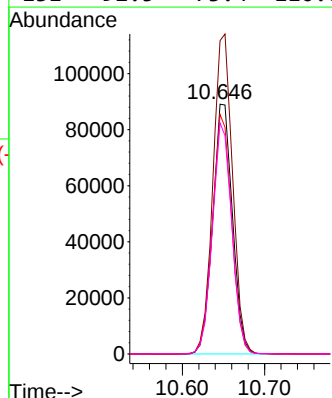
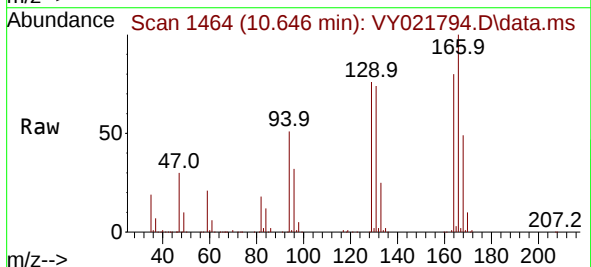
Ion Ratio Lower Upper

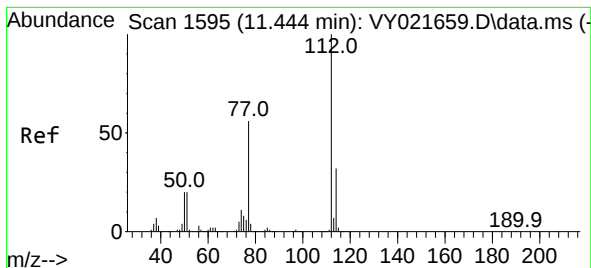
164 100

166 125.4 104.6 156.8

129 95.9 76.6 114.8

131 92.5 73.4 110.0





#65

Chlorobenzene

Concen: 49.923 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

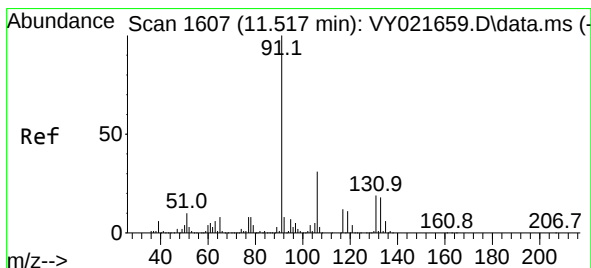
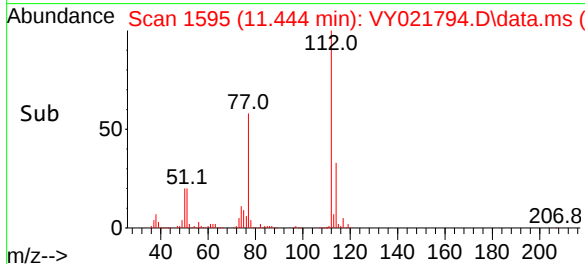
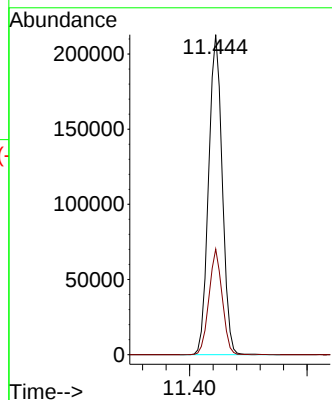
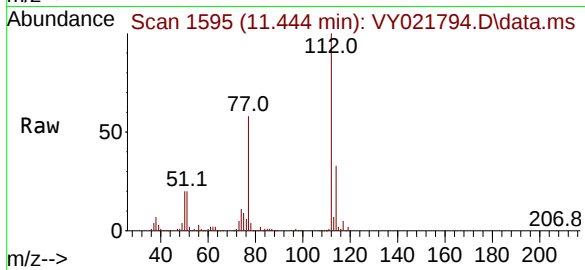
VSTDCCC050

Tgt Ion:112 Resp: 341961

Ion Ratio Lower Upper

112 100

114 33.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 49.897 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

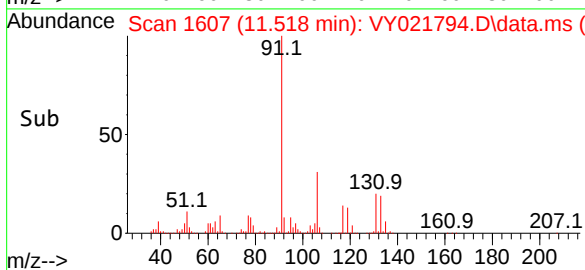
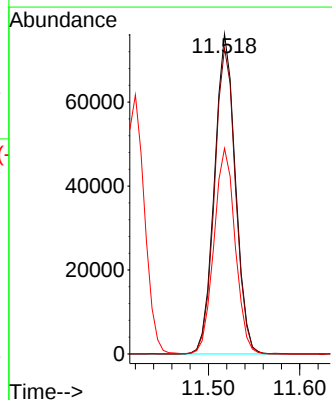
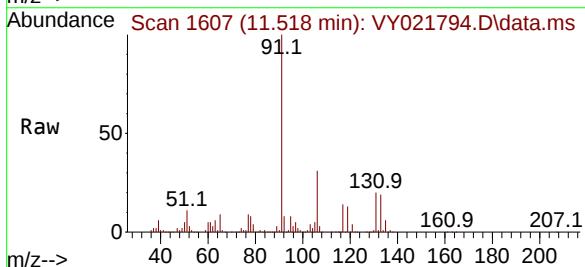
Tgt Ion:131 Resp: 121265

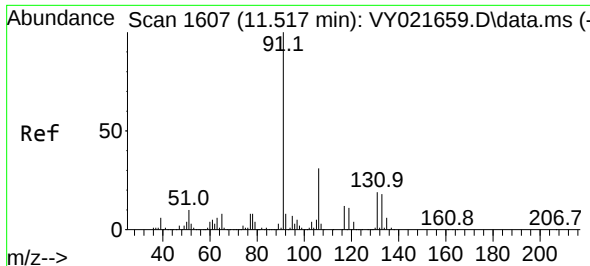
Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.8

119 65.2 31.6 95.0

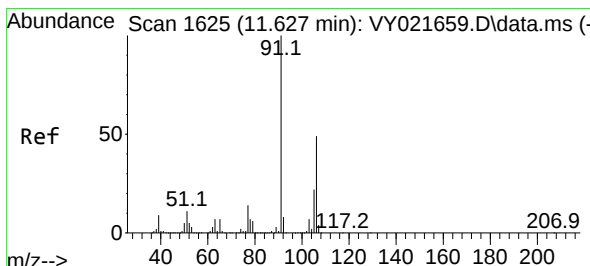
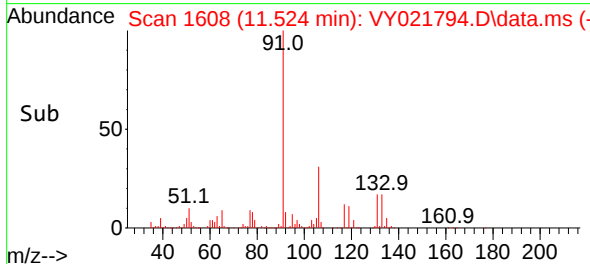
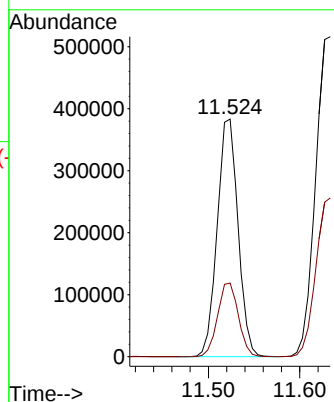
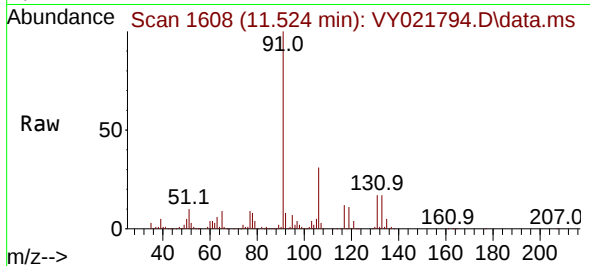




#67
Ethyl Benzene
Concen: 51.687 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

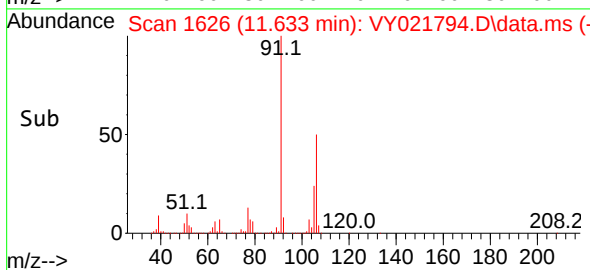
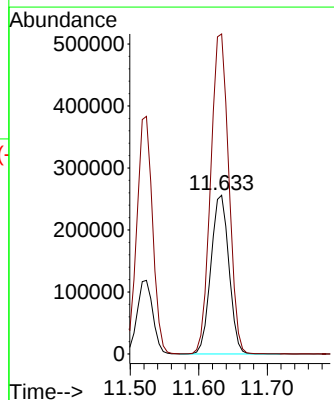
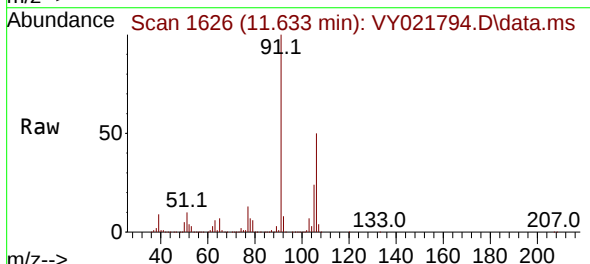
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

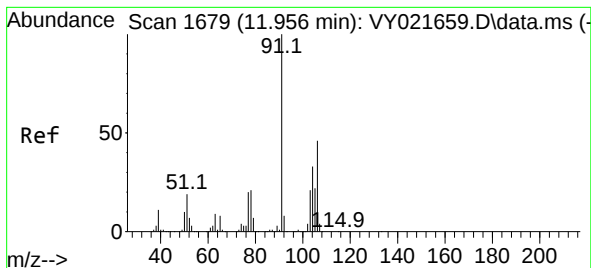
Tgt Ion: 91 Resp: 607101
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 103.887 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 106 Resp: 467260
Ion Ratio Lower Upper
106 100
91 202.6 162.4 243.6





#69

o-Xylene

Concen: 51.935 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

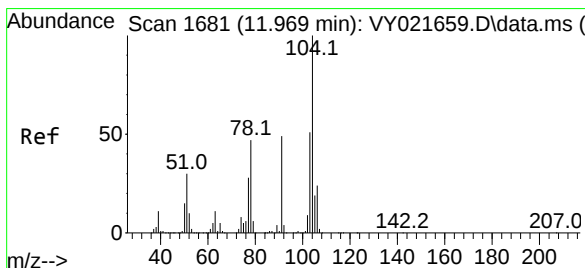
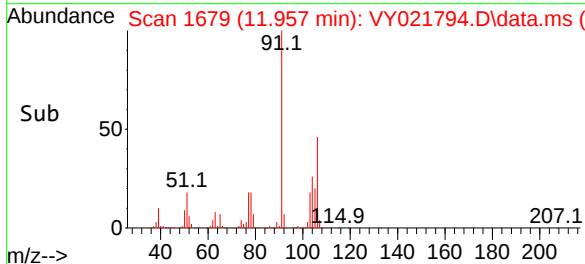
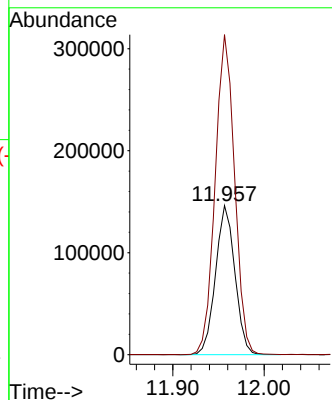
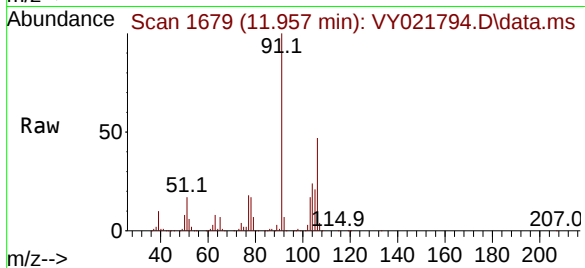
VSTDCCC050

Tgt Ion:106 Resp: 215626

Ion Ratio Lower Upper

106 100

91 215.8 106.7 319.9



#70

Styrene

Concen: 52.649 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

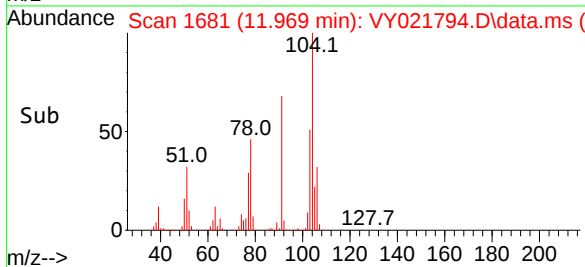
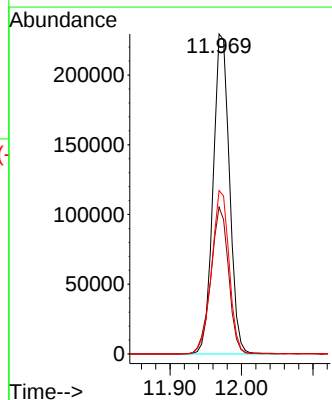
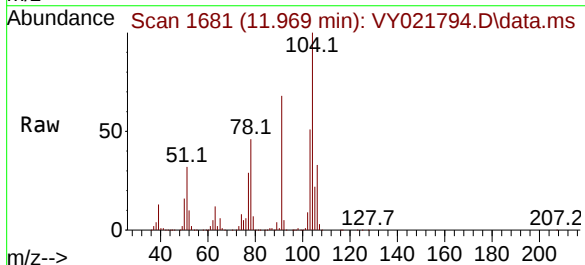
Tgt Ion:104 Resp: 364462

Ion Ratio Lower Upper

104 100

78 49.8 40.8 61.2

103 54.8 44.2 66.2





#71

Bromoform

Concen: 49.483 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

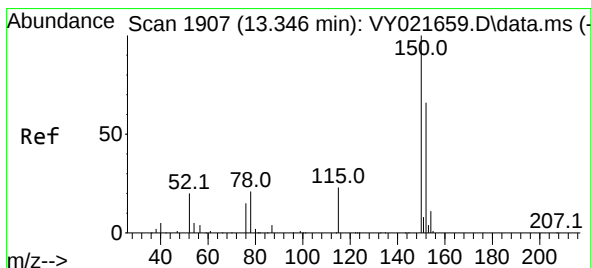
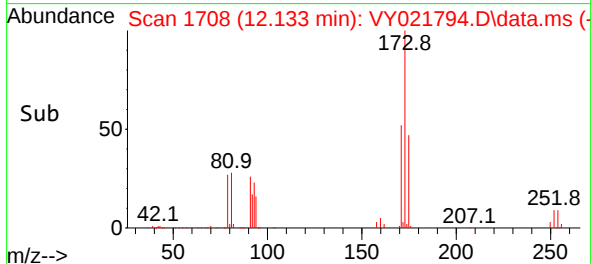
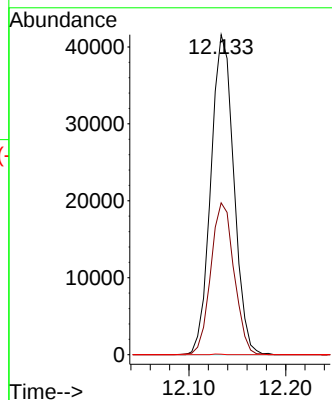
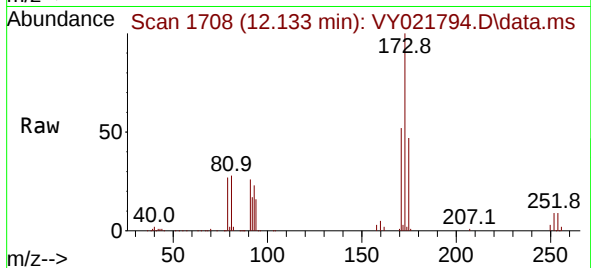
Tgt Ion:173 Resp: 68597

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

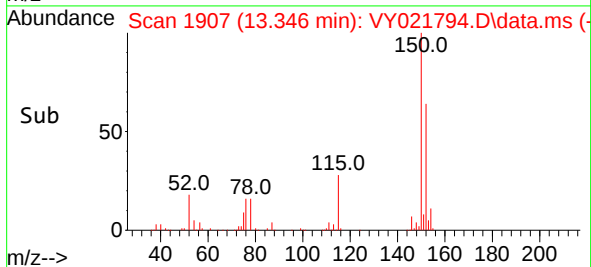
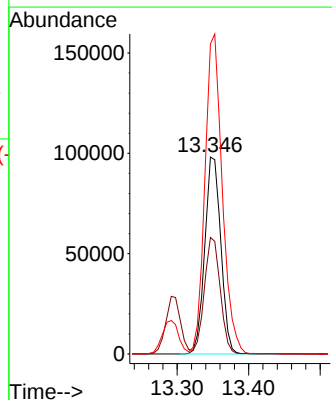
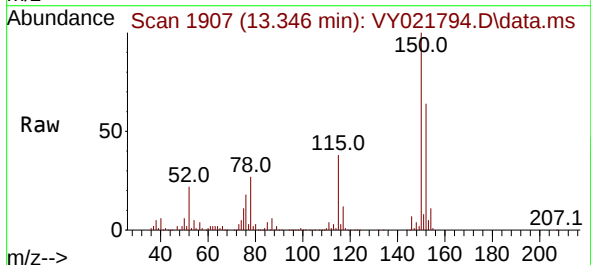
Tgt Ion:152 Resp: 153287

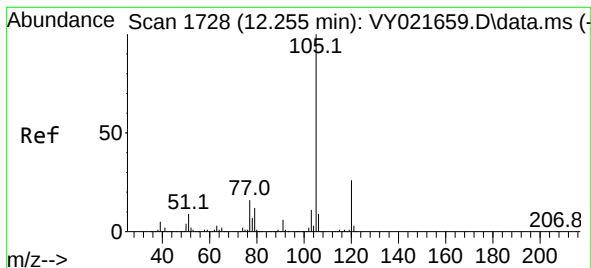
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 175.2 0.0 348.4





#73

Isopropylbenzene

Concen: 50.541 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

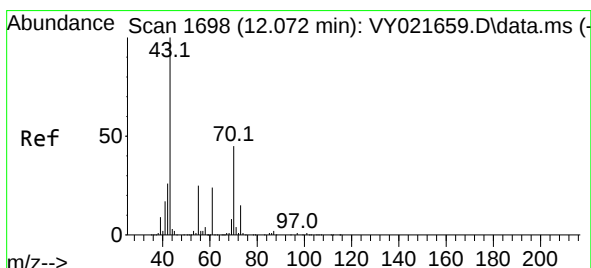
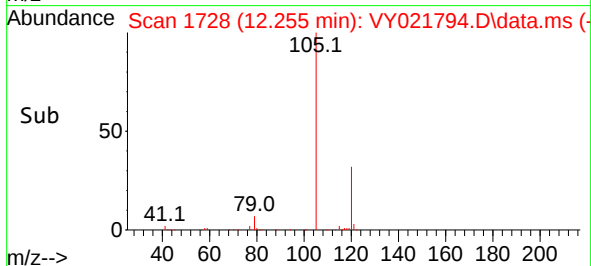
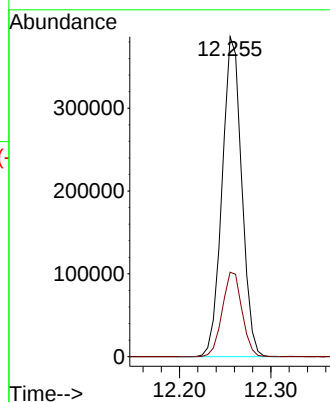
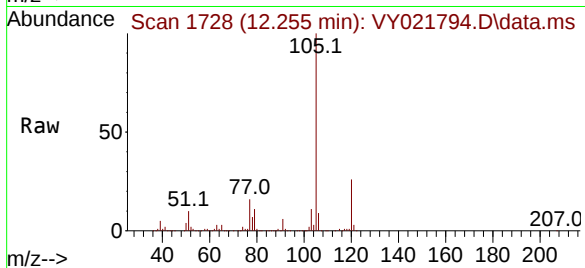
VSTDCCC050

Tgt Ion:105 Resp: 575416

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 43.148 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Tgt Ion: 43 Resp: 115291

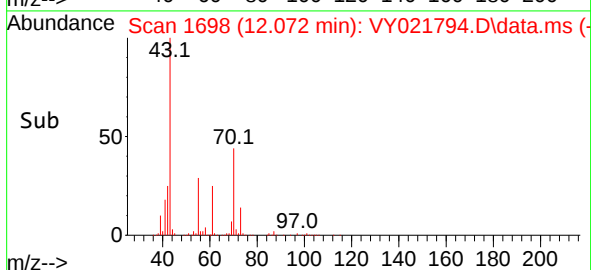
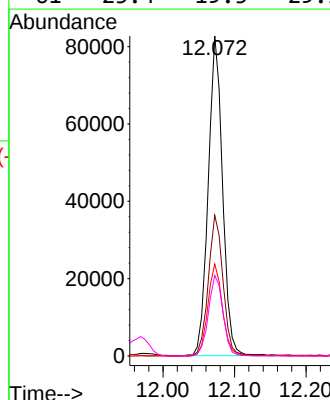
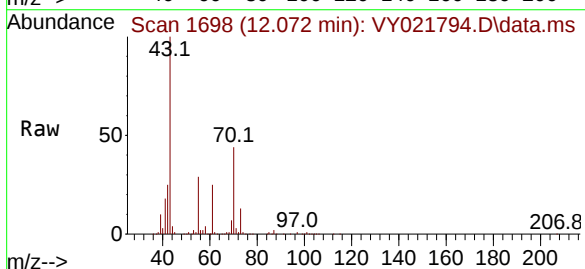
Ion Ratio Lower Upper

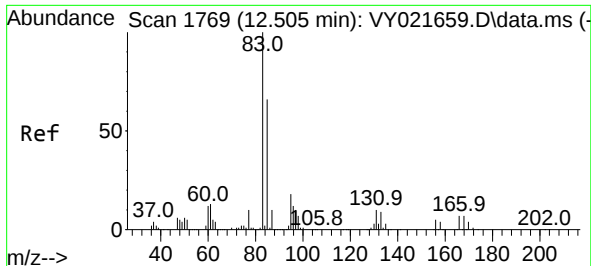
43 100

70 45.3 34.7 52.1

55 29.4 21.2 31.8

61 25.4 19.5 29.3

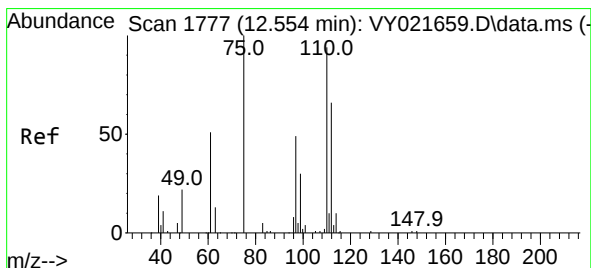
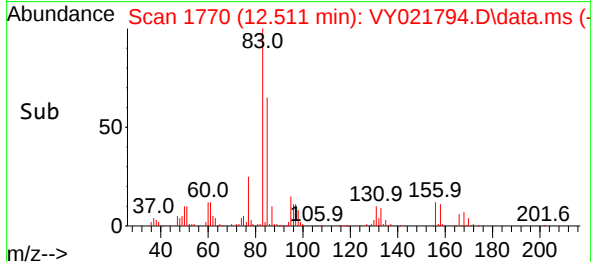
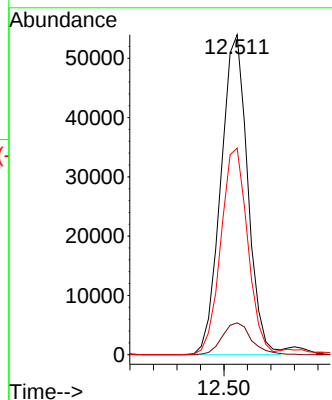
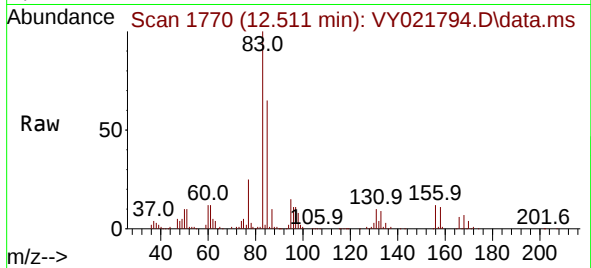




#75
1,1,2,2-Tetrachloroethane
Concen: 41.800 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

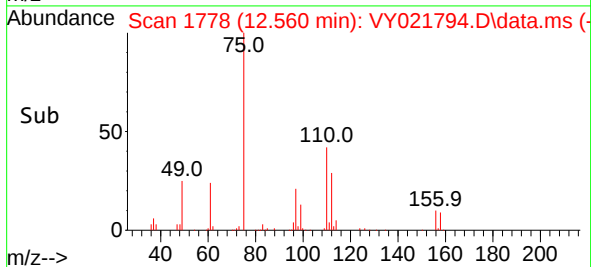
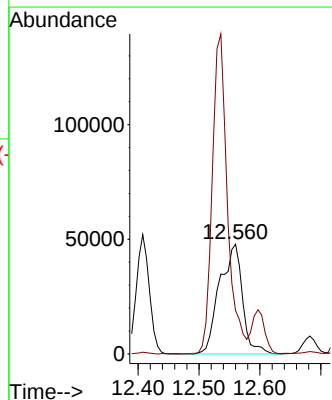
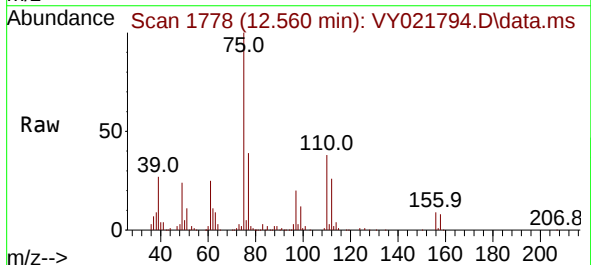
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

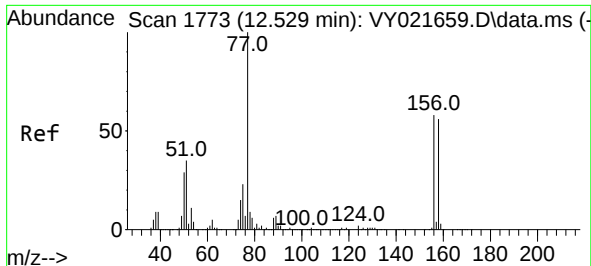
Tgt Ion: 83 Resp: 85563
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 82.309 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 75 Resp: 125066
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

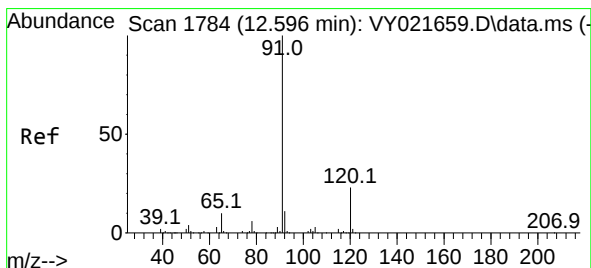
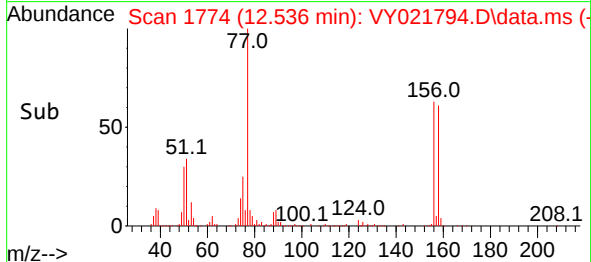
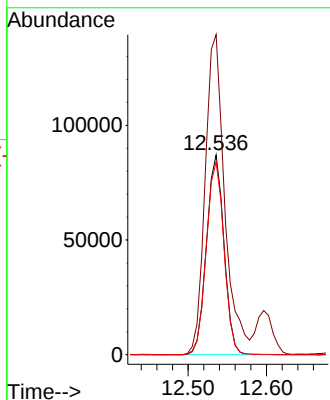
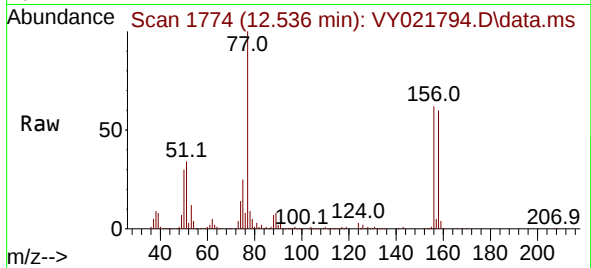




#77
Bromobenzene
Concen: 49.332 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

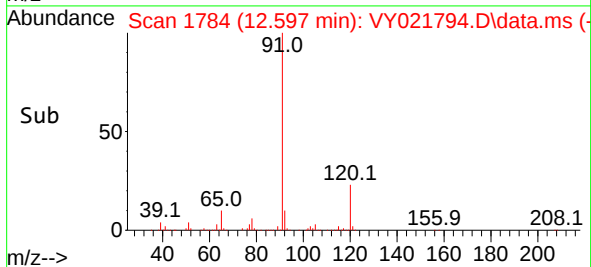
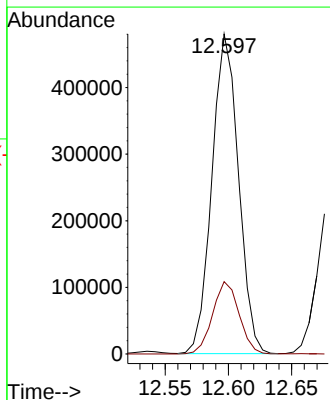
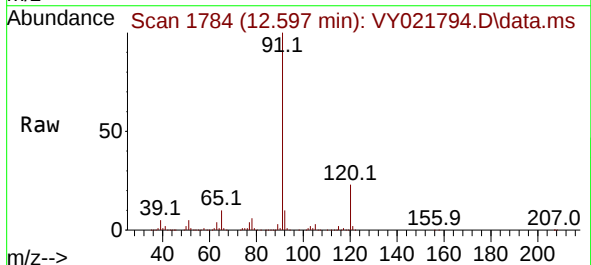
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

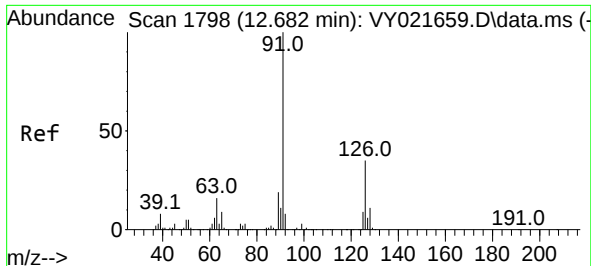
Tgt Ion:156 Resp: 134854
Ion Ratio Lower Upper
156 100
77 179.4 92.8 278.3
158 97.3 48.5 145.6



#78
n-propylbenzene
Concen: 51.186 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 91 Resp: 700624
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

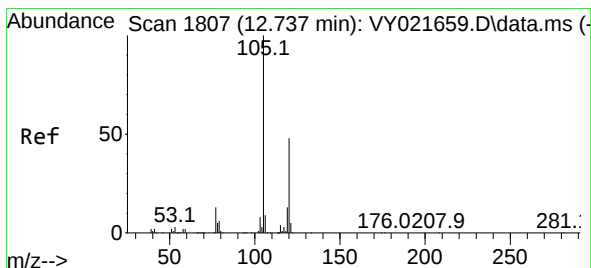
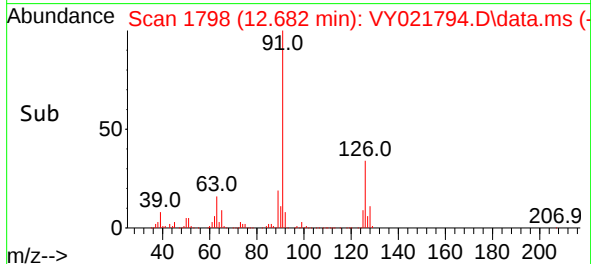
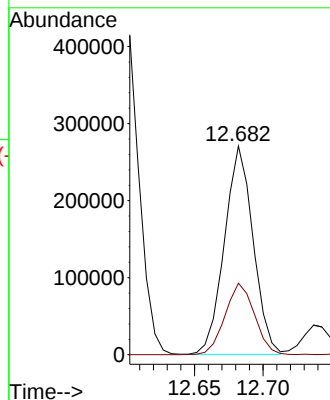
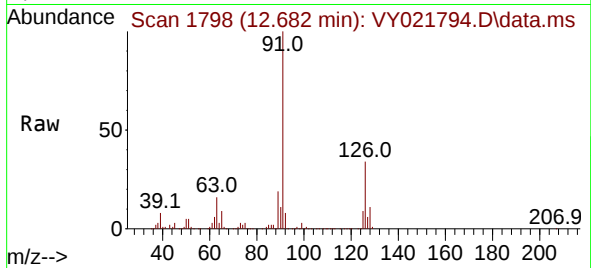




#79
2-Chlorotoluene
Concen: 49.576 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

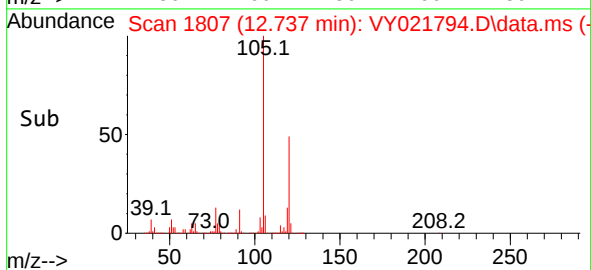
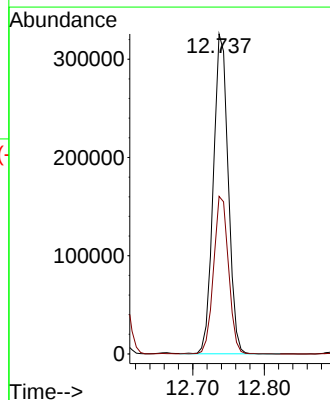
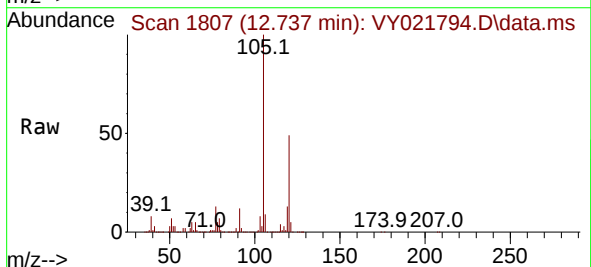
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

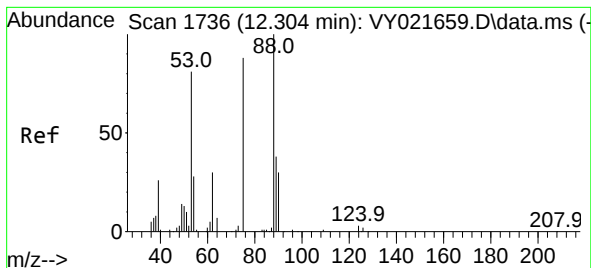
Tgt Ion: 91 Resp: 394135
Ion Ratio Lower Upper
91 100
126 35.1 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 50.524 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 105 Resp: 470123
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

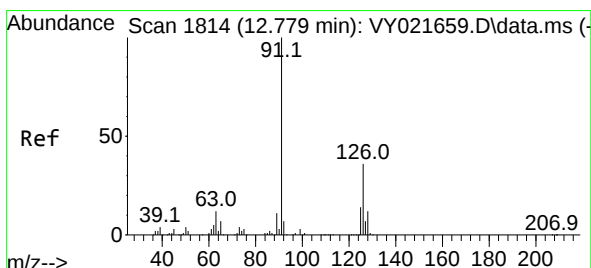
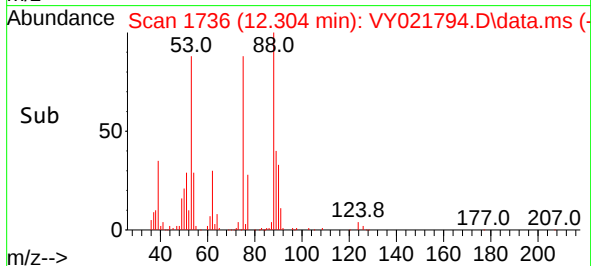
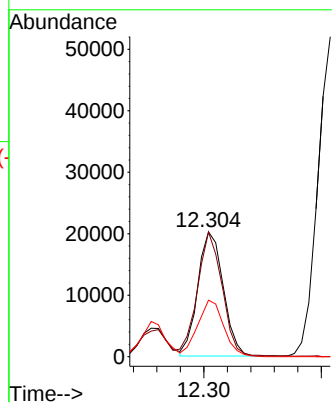
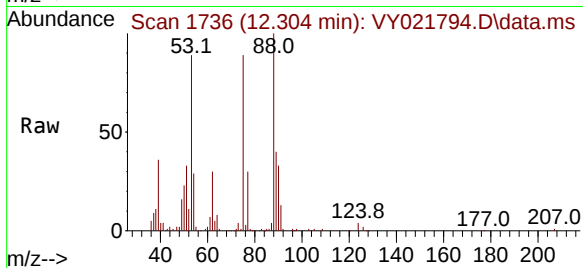




#81
trans-1,4-Dichloro-2-butene
Concen: 46.192 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

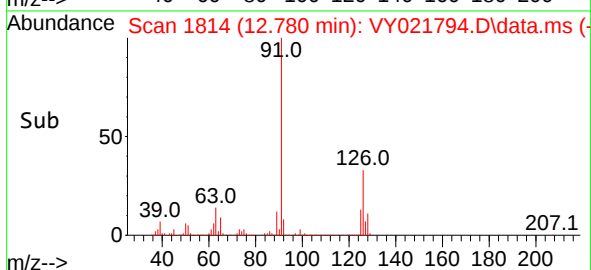
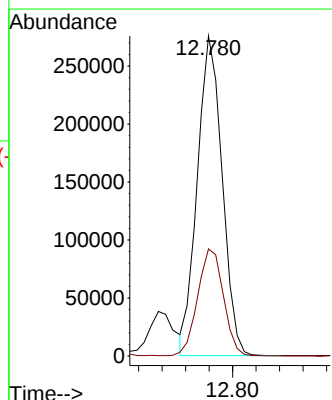
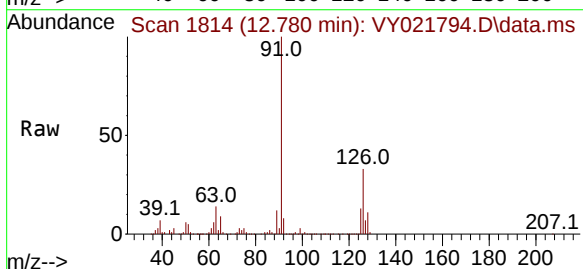
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

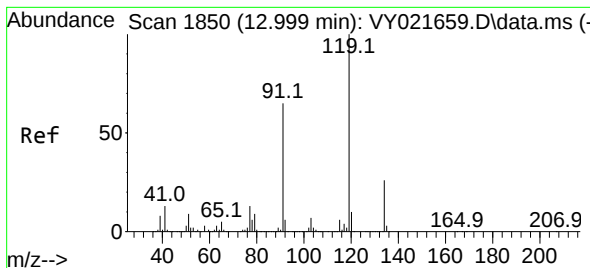
Tgt Ion: 75 Resp: 30461
Ion Ratio Lower Upper
75 100
53 98.2 76.1 114.1
89 46.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 48.877 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 91 Resp: 405107
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 49.404 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

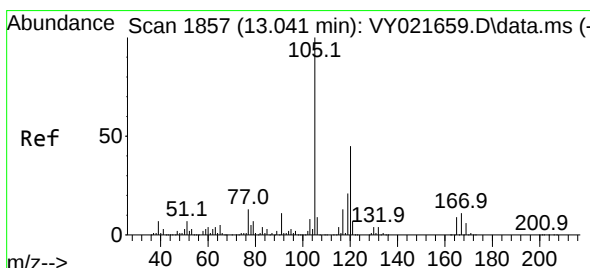
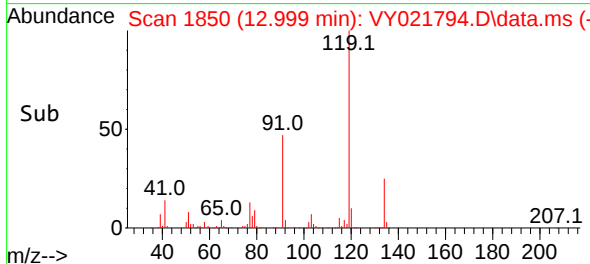
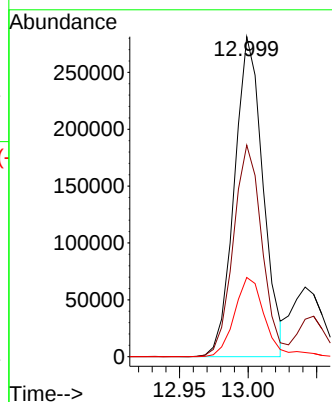
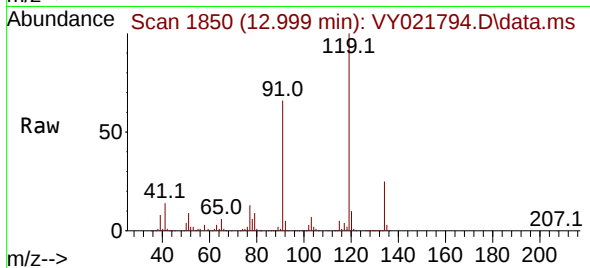
Tgt Ion:119 Resp: 409458

Ion Ratio Lower Upper

119 100

91 66.7 32.6 97.7

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.475 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021794.D

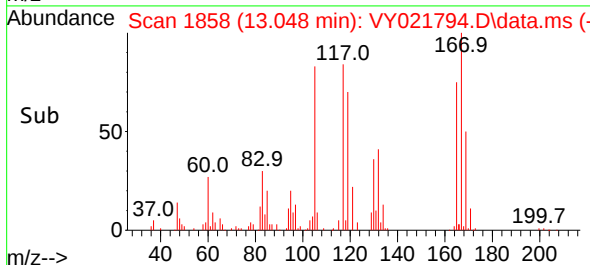
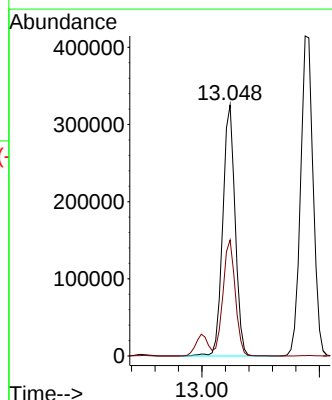
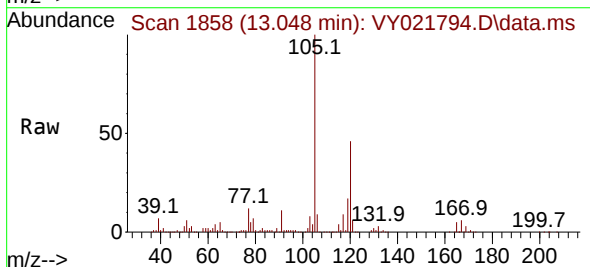
Acq: 07 Apr 2025 09:10

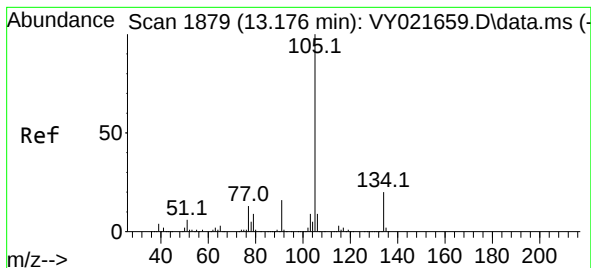
Tgt Ion:105 Resp: 473400

Ion Ratio Lower Upper

105 100

120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.544 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

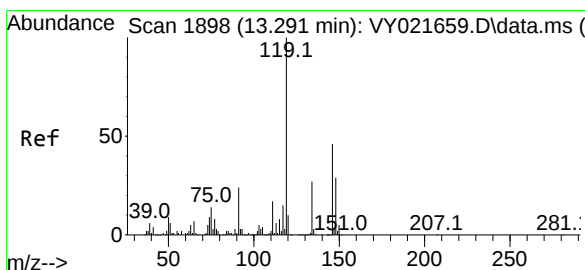
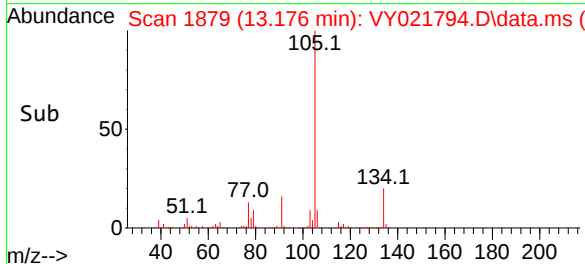
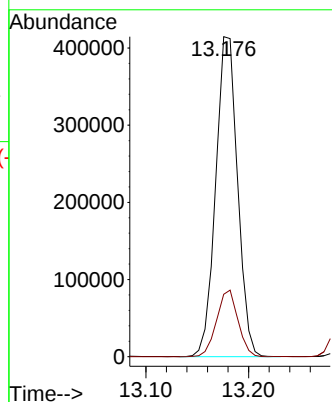
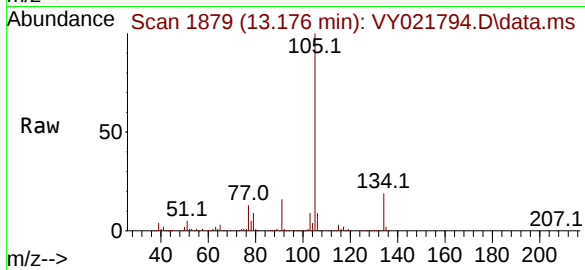
VSTDCCC050

Tgt Ion:105 Resp: 612188

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.605 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

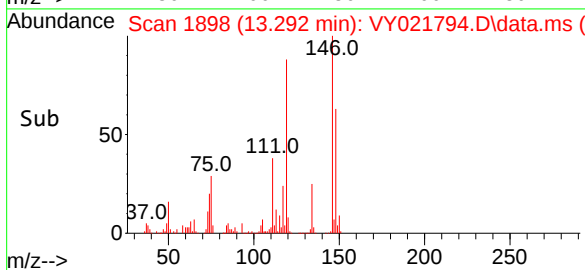
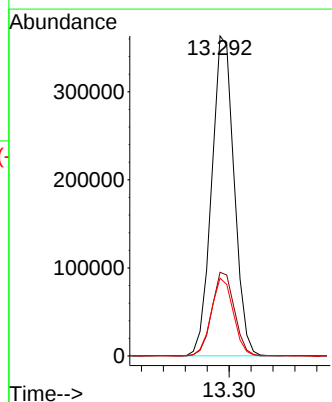
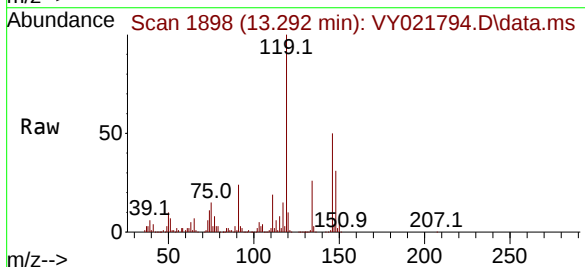
Tgt Ion:119 Resp: 516598

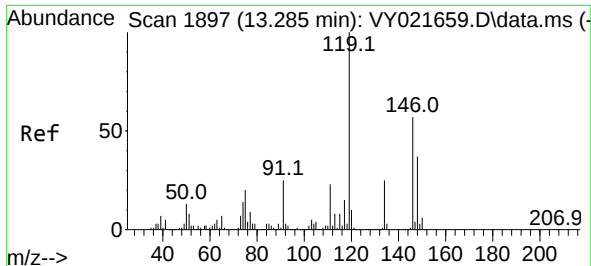
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.9 12.0 36.0

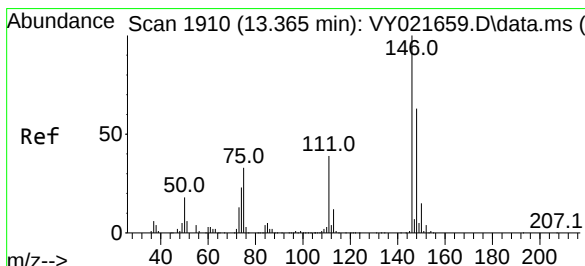
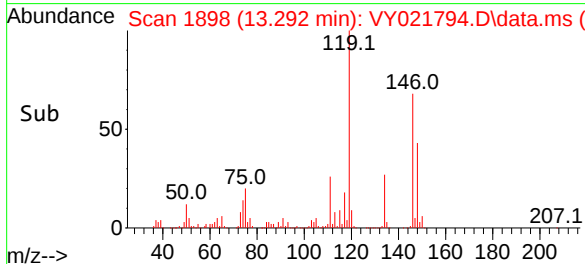
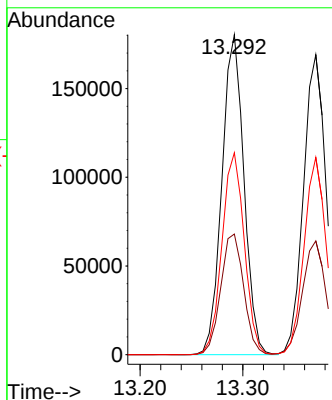
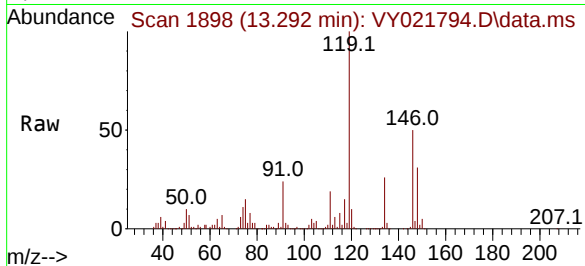




#87
 1,3-Dichlorobenzene
 Concen: 49.789 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

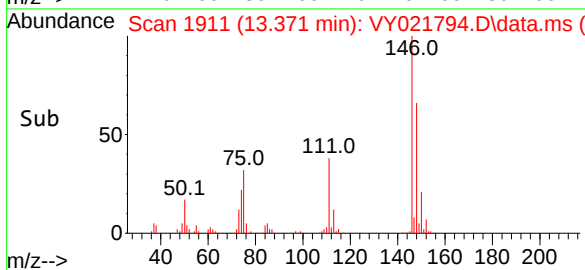
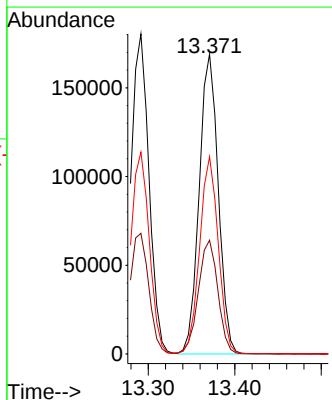
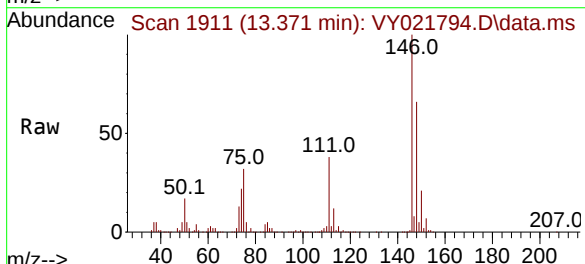
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

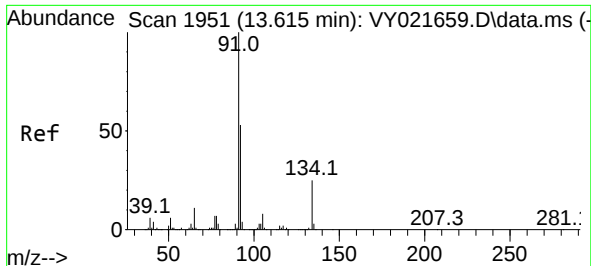
Tgt Ion:146 Resp: 268145
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.633 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY021794.D
 Acq: 07 Apr 2025 09:10

Tgt Ion:146 Resp: 258781
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 50.487 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

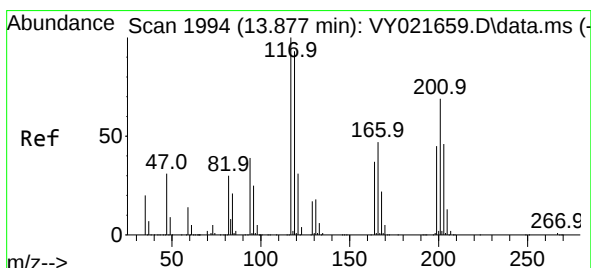
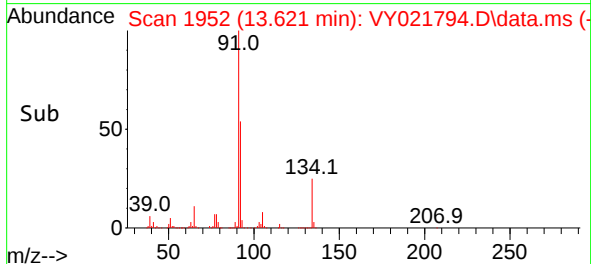
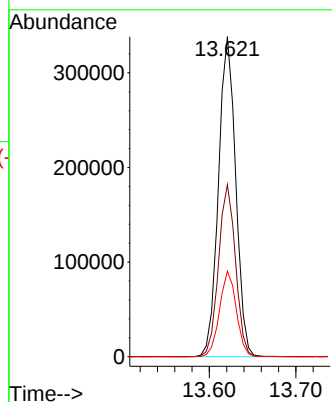
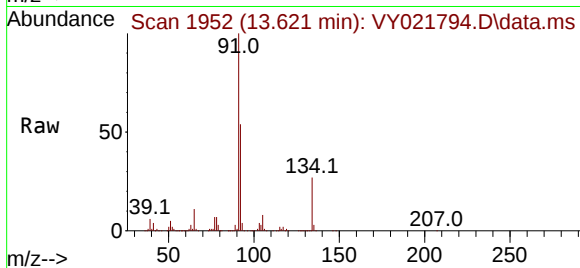
Tgt Ion: 91 Resp: 467407

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 26.0 12.8 38.4



#90

Hexachloroethane

Concen: 48.399 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021794.D

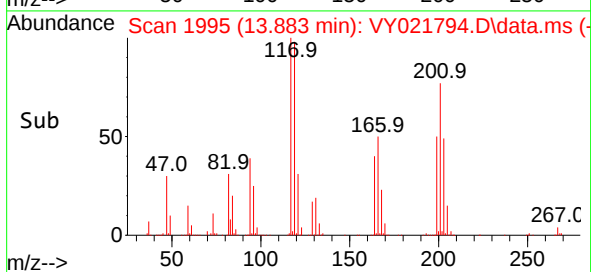
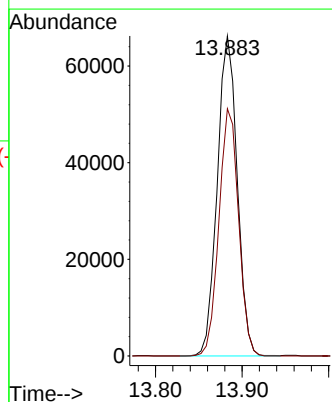
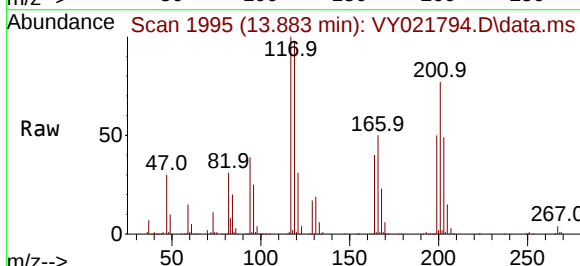
Acq: 07 Apr 2025 09:10

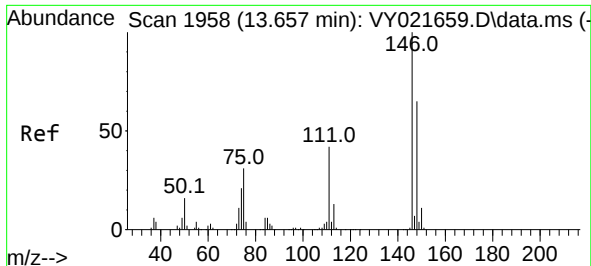
Tgt Ion: 117 Resp: 106174

Ion Ratio Lower Upper

117 100

201 75.9 37.4 112.1

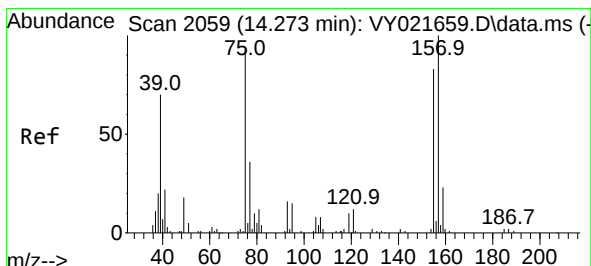
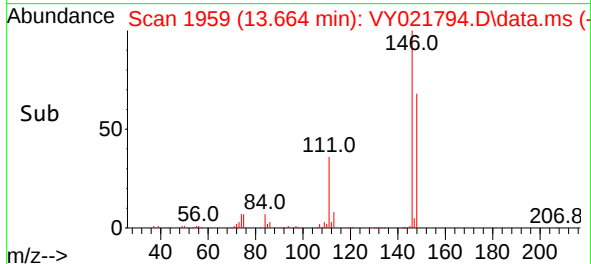
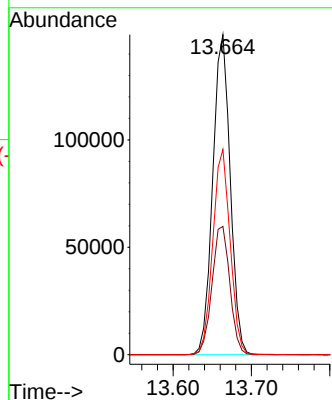
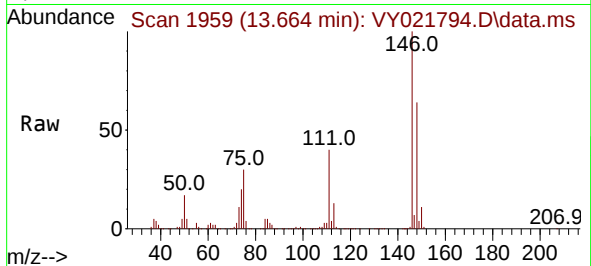




#91
1,2-Dichlorobenzene
Concen: 49.236 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

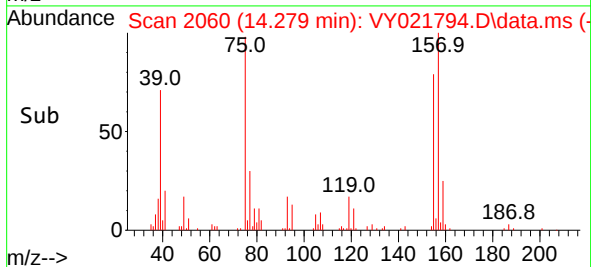
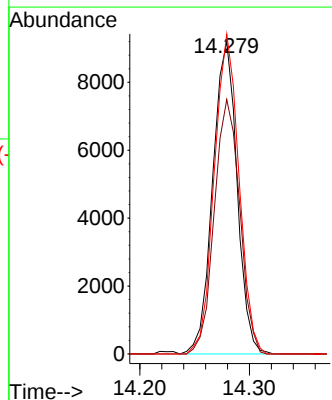
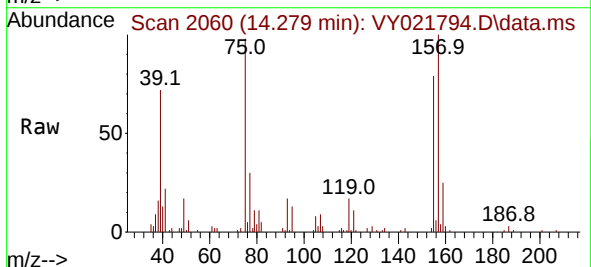
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

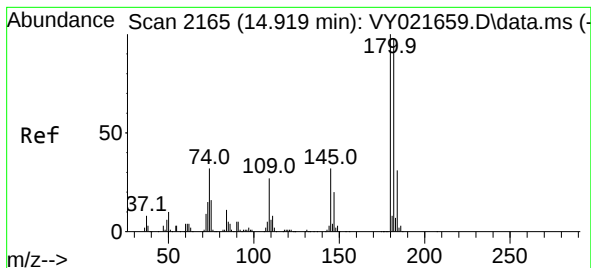
Tgt Ion:146 Resp: 230830
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.715 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021794.D
Acq: 07 Apr 2025 09:10

Tgt Ion: 75 Resp: 14186
Ion Ratio Lower Upper
75 100
155 84.9 43.0 128.8
157 104.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 49.286 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

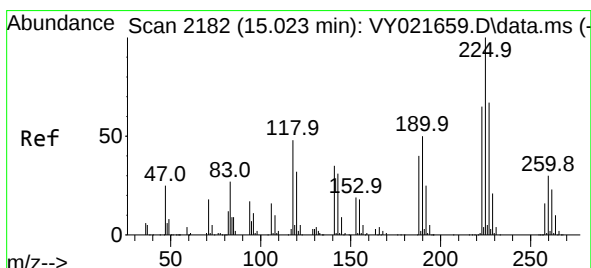
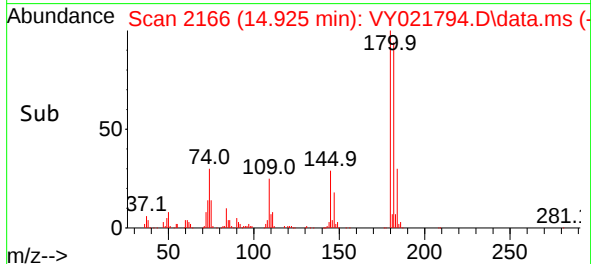
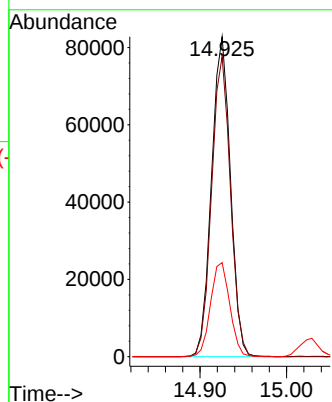
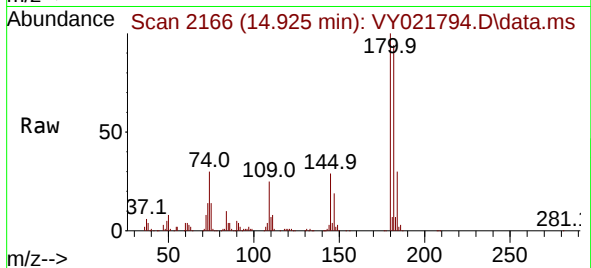
Tgt Ion:180 Resp: 125306

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

145 30.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 48.096 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

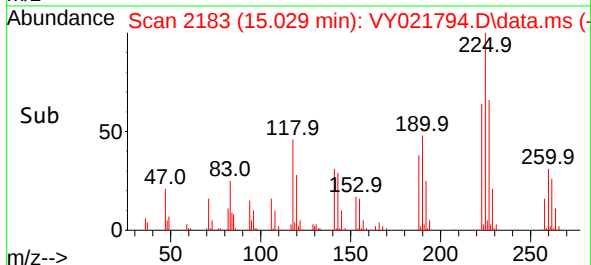
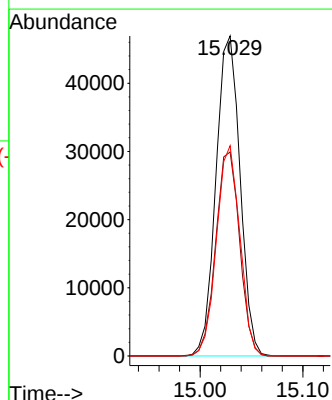
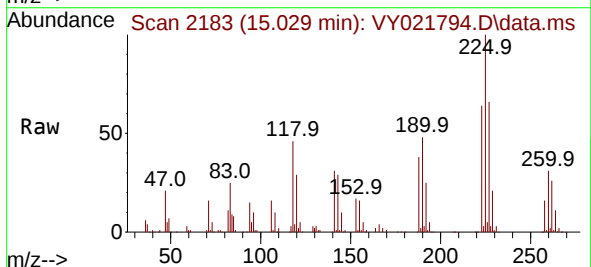
Tgt Ion:225 Resp: 76368

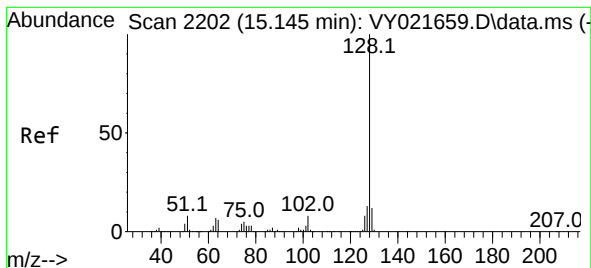
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 47.089 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

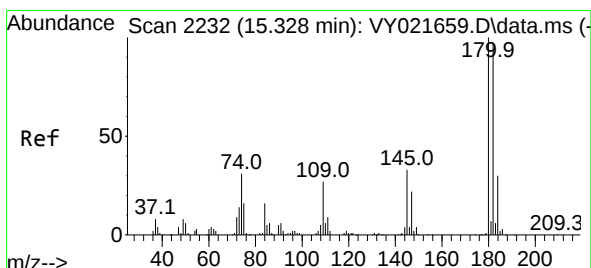
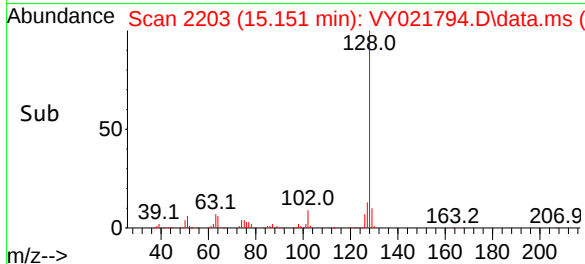
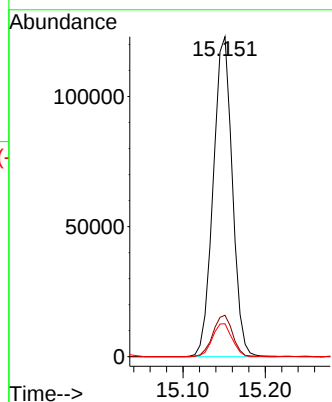
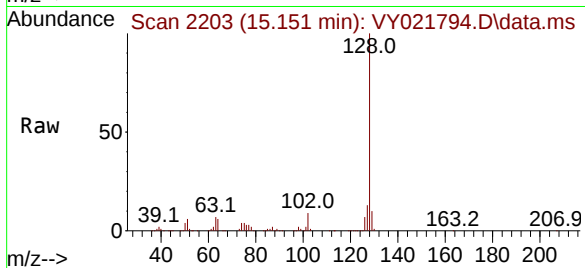
Tgt Ion:128 Resp: 198442

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.577 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021794.D

Acq: 07 Apr 2025 09:10

Tgt Ion:180 Resp: 105317

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

145 32.4 15.9 47.7

