

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021774.D
 Acq On : 03 Apr 2025 15:32
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 04 01:32:11 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	220705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	342993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	310275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118172	49.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.634	113	113296	50.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.103	98	444655	52.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.408	95	153721	53.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	105752	46.229	ug/l	98
3) Chloromethane	2.068	50	145948	45.373	ug/l	99
4) Vinyl Chloride	2.202	62	168481	46.315	ug/l	100
5) Bromomethane	2.592	94	110122	44.385	ug/l	99
6) Chloroethane	2.732	64	111081	46.666	ug/l	98
7) Trichlorofluoromethane	3.056	101	220000	47.211	ug/l	96
8) Diethyl Ether	3.452	74	58938	46.508	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	119415	48.587	ug/l	100
10) Methyl Iodide	4.001	142	139809	51.852	ug/l	99
11) Tert butyl alcohol	4.854	59	32460	208.988	ug/l	100
12) 1,1-Dichloroethene	3.787	96	110305	47.648	ug/l	98
13) Acrolein	3.653	56	32319	113.958	ug/l	99
14) Allyl chloride	4.385	41	181590	49.198	ug/l	100
15) Acrylonitrile	5.055	53	124666	235.608	ug/l	100
16) Acetone	3.866	43	113309	231.526	ug/l	99
17) Carbon Disulfide	4.104	76	355712	46.651	ug/l	99
18) Methyl Acetate	4.385	43	65562	54.053	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	278375	48.299	ug/l	97
20) Methylene Chloride	4.610	84	125650	52.675	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	123293	48.372	ug/l	96
22) Diisopropyl ether	6.018	45	392516	50.694	ug/l	97
23) Vinyl Acetate	5.957	43	1072919	236.869	ug/l	99
24) 1,1-Dichloroethane	5.915	63	228026	49.251	ug/l	99
25) 2-Butanone	6.890	43	162563	232.560	ug/l	97
26) 2,2-Dichloropropane	6.884	77	202825	49.249	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	142711	49.788	ug/l	98
28) Bromochloromethane	7.244	49	94423	48.358	ug/l	98
29) Tetrahydrofuran	7.262	42	105628	234.792	ug/l	100
30) Chloroform	7.421	83	235827	48.972	ug/l	99
31) Cyclohexane	7.701	56	199143	47.185	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	210448	48.353	ug/l	98
36) 1,1-Dichloropropene	7.835	75	168216	49.637	ug/l	99
37) Ethyl Acetate	6.982	43	71776	44.877	ug/l	99
38) Carbon Tetrachloride	7.817	117	192176	49.511	ug/l	100
39) Methylcyclohexane	9.109	83	209482	51.744	ug/l	97
40) Benzene	8.079	78	508243	50.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	44137	51.964	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	139127	48.626	ug/l	100
43) Isopropyl Acetate	8.195	43	142236	46.928	ug/l	100
44) Trichloroethene	8.866	130	130747	50.562	ug/l	100
45) 1,2-Dichloropropane	9.140	63	120989	50.363	ug/l	97
46) Dibromomethane	9.231	93	68298	49.330	ug/l	97
47) Bromodichloromethane	9.420	83	181021	50.458	ug/l	100
48) Methyl methacrylate	9.219	41	69558	50.003	ug/l	98
49) 1,4-Dioxane	9.225	88	14254	961.046	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	380899	241.489	ug/l	100
52) Toluene	10.170	92	323712	51.123	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	160403	50.338	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	191837	51.031	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	88233	49.521	ug/l	98
56) Ethyl methacrylate	10.438	69	114026	50.120	ug/l	98
57) 1,3-Dichloropropane	10.719	76	153113	49.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	296879	267.497	ug/l	100
59) 2-Hexanone	10.762	43	257873	245.487	ug/l	100
60) Dibromochloromethane	10.908	129	122629	50.410	ug/l	100
61) 1,2-Dibromoethane	11.018	107	83560	49.995	ug/l	99
64) Tetrachloroethene	10.646	164	145467	51.476	ug/l	96
65) Chlorobenzene	11.444	112	348290	48.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	123356	48.882	ug/l	98
67) Ethyl Benzene	11.517	91	621557	50.962	ug/l	100
68) m/p-Xylenes	11.627	106	477594	102.261	ug/l	100
69) o-Xylene	11.956	106	224490	52.072	ug/l	100
70) Styrene	11.969	104	381914	53.132	ug/l	99
71) Bromoform	12.133	173	70694	49.111	ug/l #	100
73) Isopropylbenzene	12.255	105	591014	48.043	ug/l	100
74) N-amyl acetate	12.072	43	130404	45.167	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	95160	43.025	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	131961	80.375	ug/l #	100
77) Bromobenzene	12.529	156	135999	46.044	ug/l	99
78) n-propylbenzene	12.597	91	721589	48.790	ug/l	100
79) 2-Chlorotoluene	12.682	91	408230	47.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	492564	48.991	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31441	44.125	ug/l	98
82) 4-Chlorotoluene	12.779	91	426342	47.606	ug/l	100
83) tert-Butylbenzene	12.999	119	434565	48.526	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	488062	49.115	ug/l	100
85) sec-Butylbenzene	13.176	105	638166	48.762	ug/l	100
86) p-Isopropyltoluene	13.292	119	536501	49.600	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	275395	47.325	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270546	47.056	ug/l	99
89) n-Butylbenzene	13.615	91	496501	49.633	ug/l	99
90) Hexachloroethane	13.877	117	111511	47.044	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	240041	47.385	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15070	43.961	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	137900	50.198	ug/l	100
94) Hexachlorobutadiene	15.023	225	83805	48.847	ug/l	98
95) Naphthalene	15.145	128	228086	50.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	118329	50.512	ug/l	99

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ClientSampleId :
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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

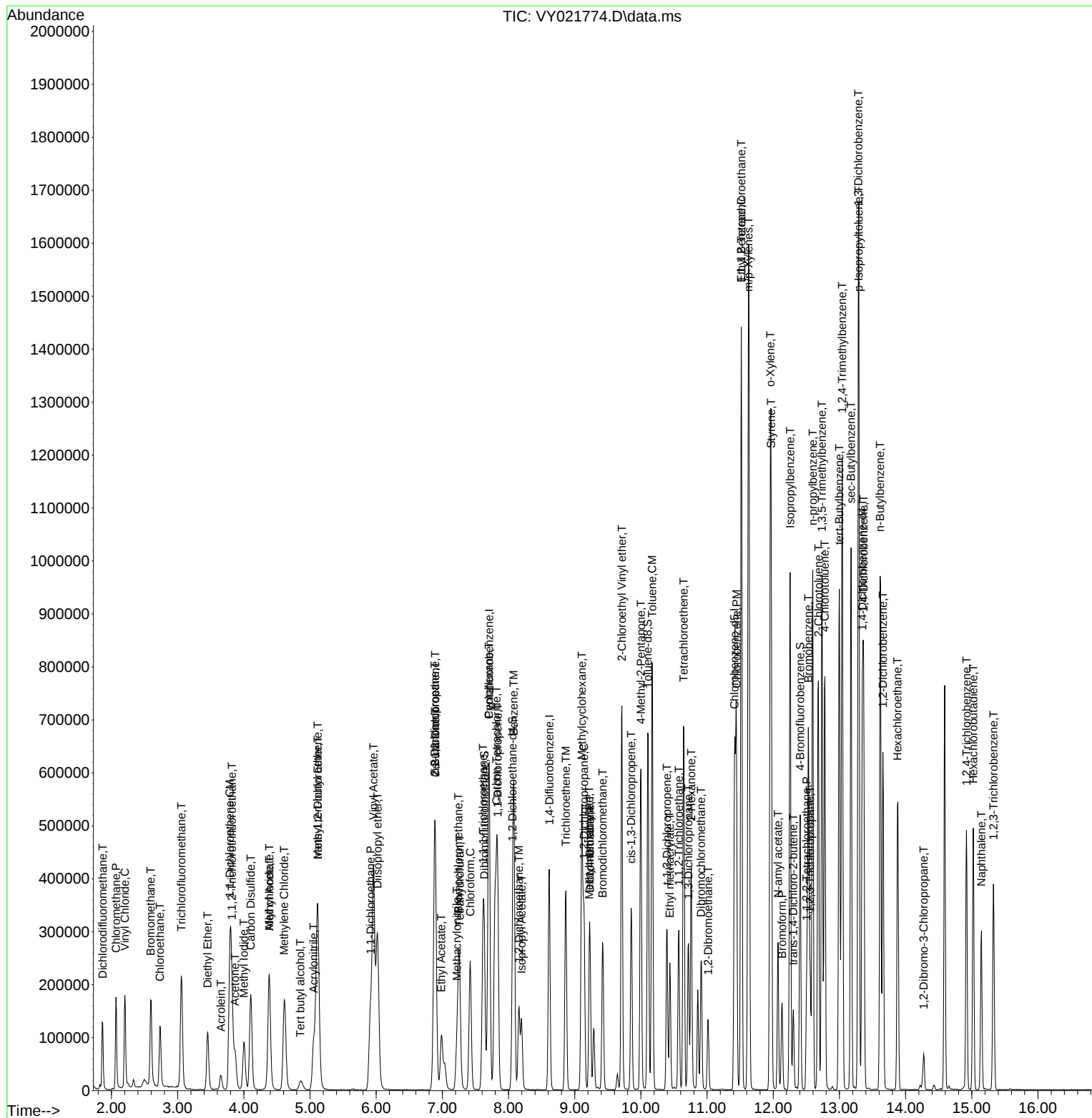
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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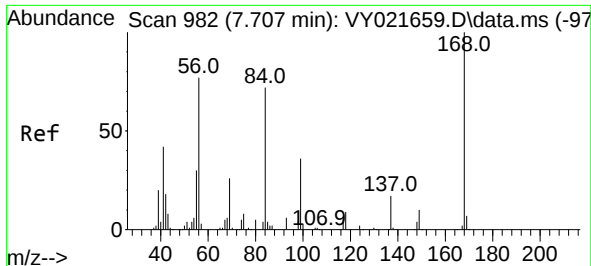
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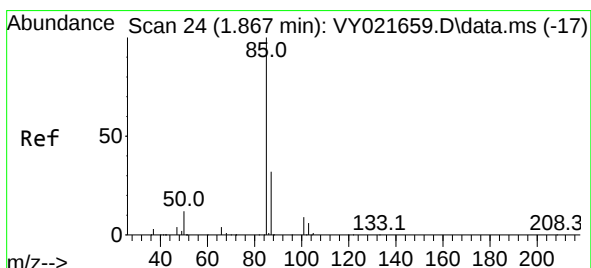
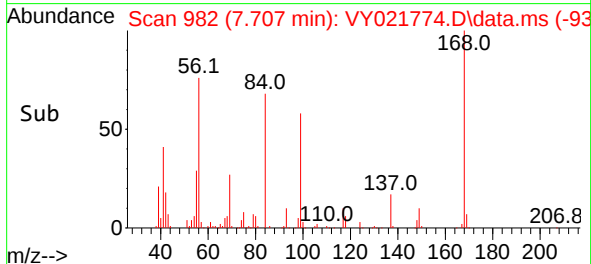
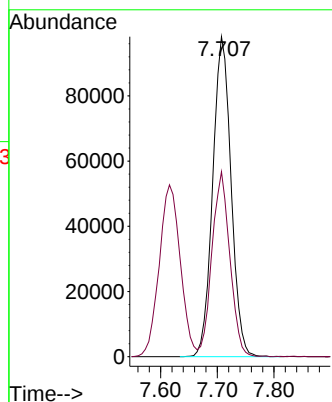
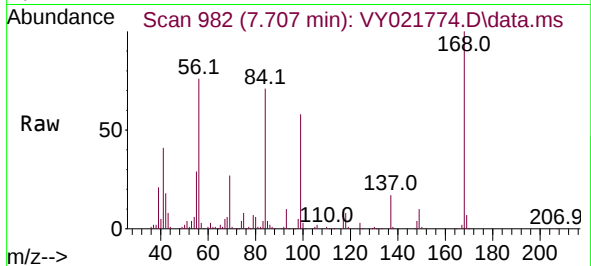




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021774.D
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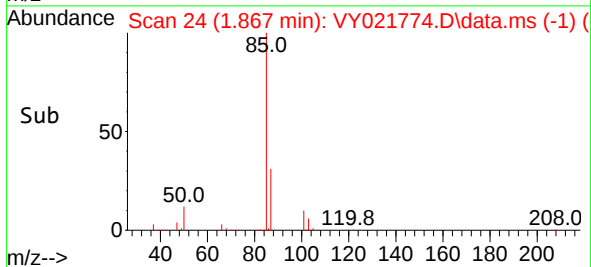
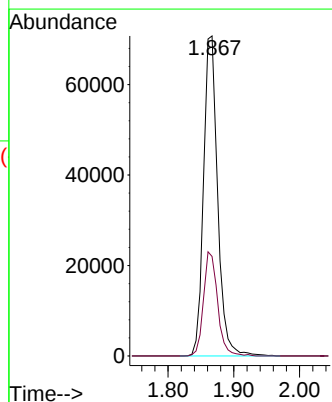
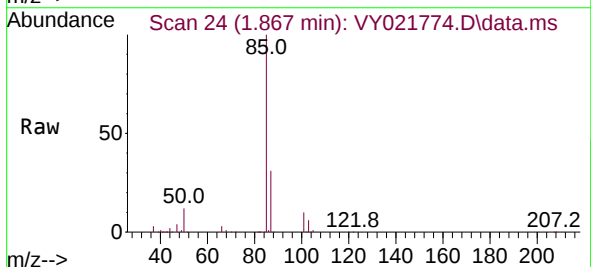
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

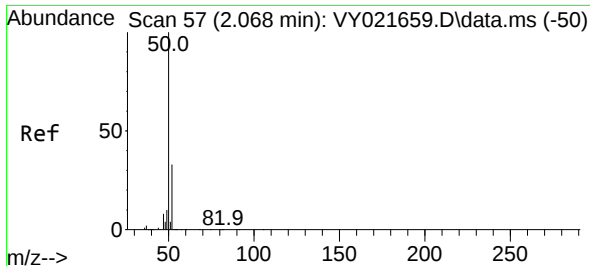
Tgt Ion:168 Resp: 220705
Ion Ratio Lower Upper
168 100
99 57.7 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 46.229 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 85 Resp: 105752
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6

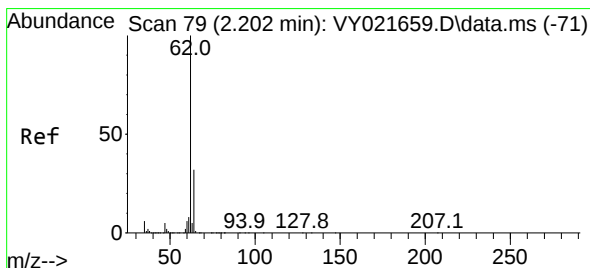
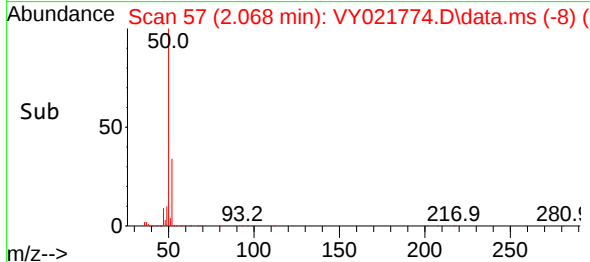
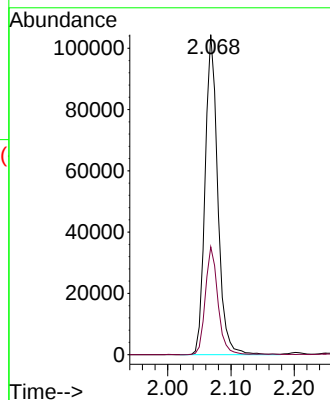
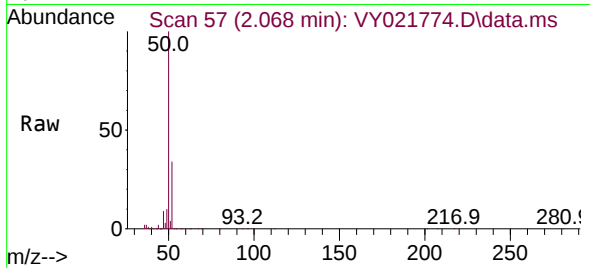




#3
Chloromethane
Concen: 45.373 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

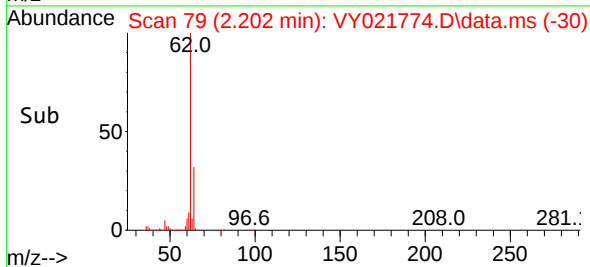
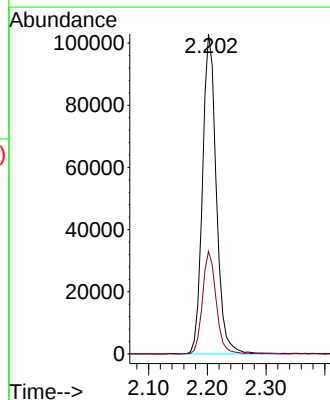
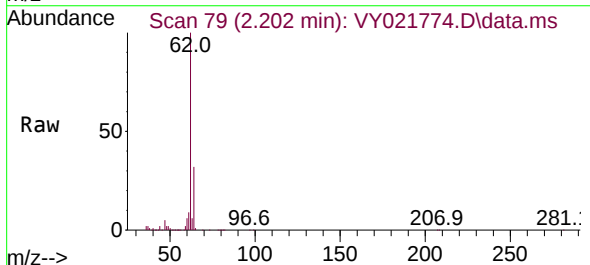
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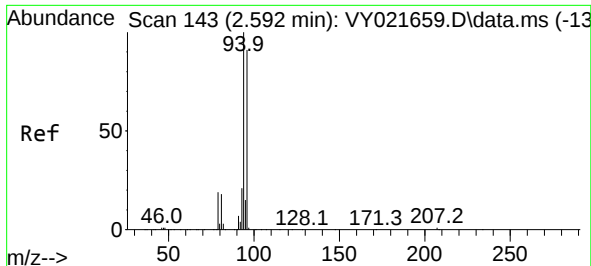
Tgt Ion: 50 Resp: 145948
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5



#4
Vinyl Chloride
Concen: 46.315 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 62 Resp: 168481
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

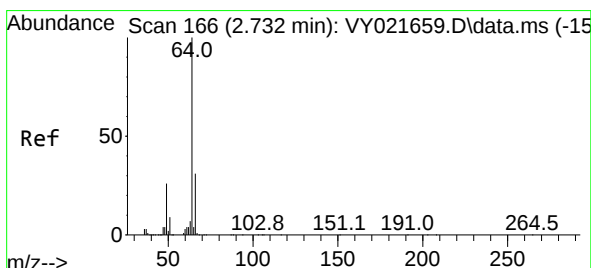
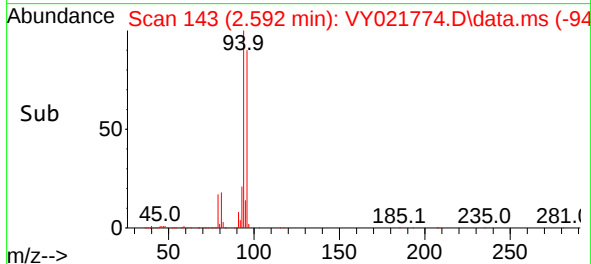
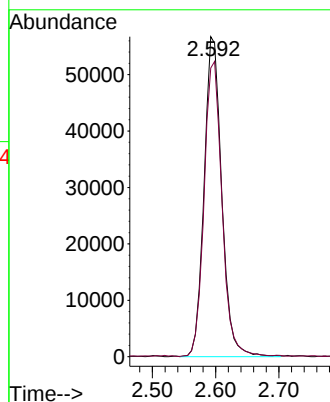
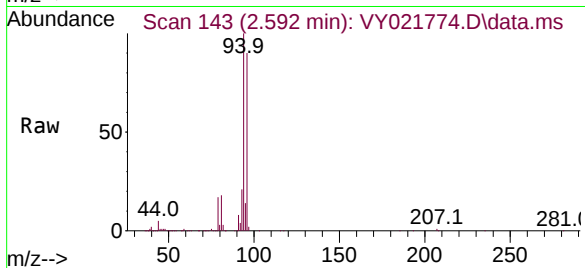




#5
Bromomethane
Concen: 44.385 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021774.D
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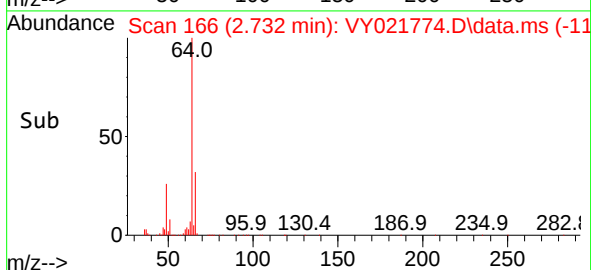
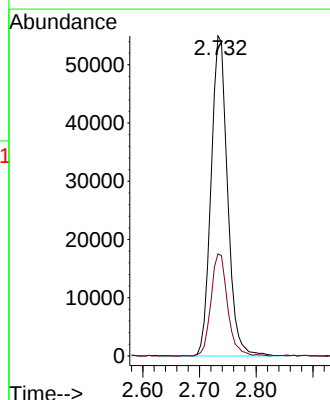
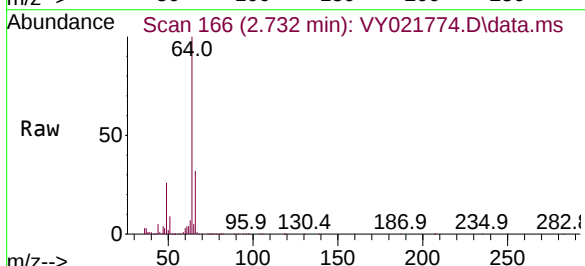
Instrument :
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Tgt Ion: 94 Resp: 110122
Ion Ratio Lower Upper
94 100
96 90.1 72.8 109.2



#6
Chloroethane
Concen: 46.666 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 64 Resp: 111081
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3

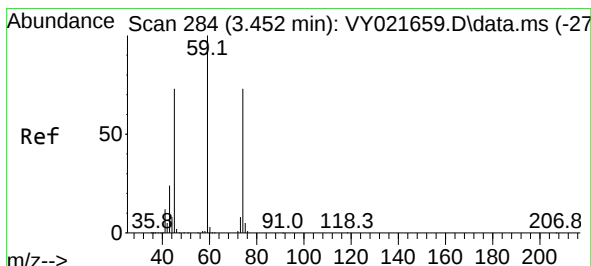
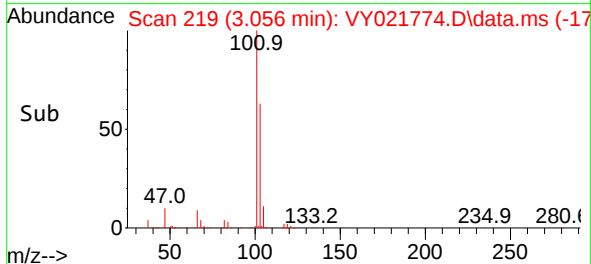
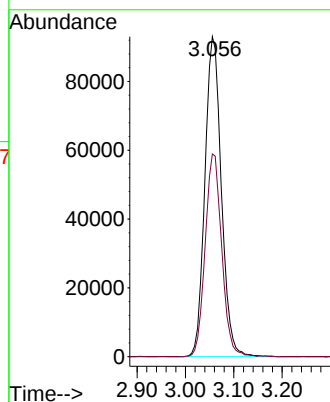
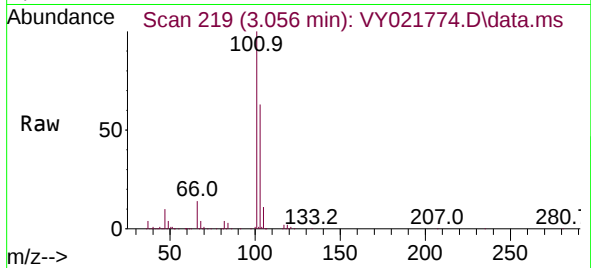




#7
 Trichlorofluoromethane
 Concen: 47.211 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021774.D
 Acq: 03 Apr 2025 15:32

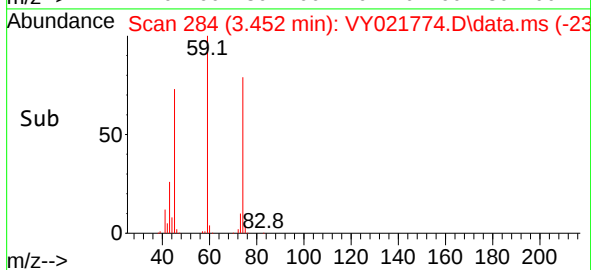
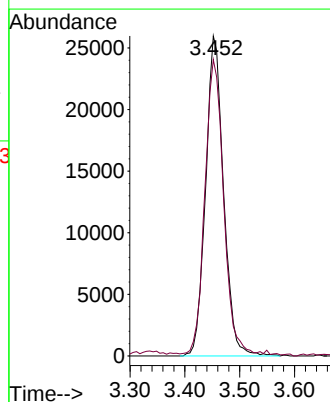
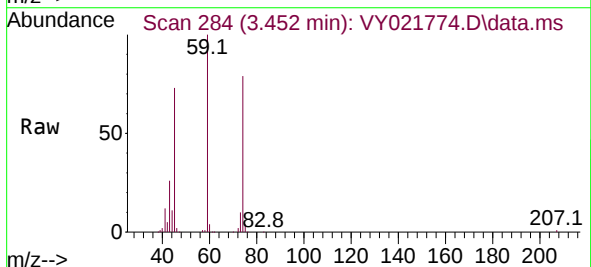
Instrument :
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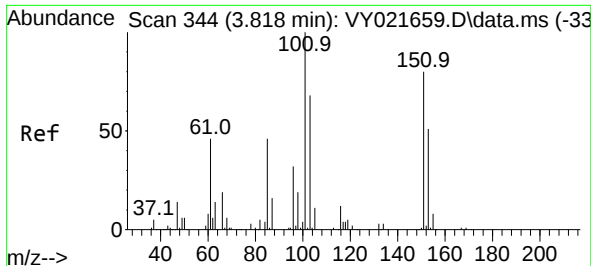
Tgt Ion:101 Resp: 220000
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 46.508 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021774.D
 Acq: 03 Apr 2025 15:32

Tgt Ion: 74 Resp: 58938
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.6 145.8

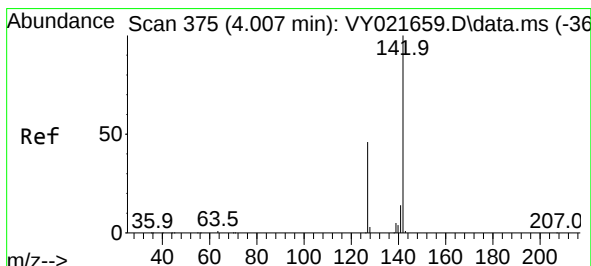
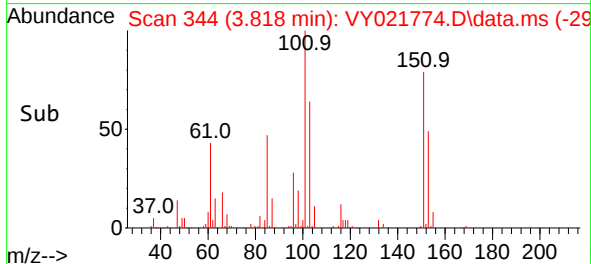
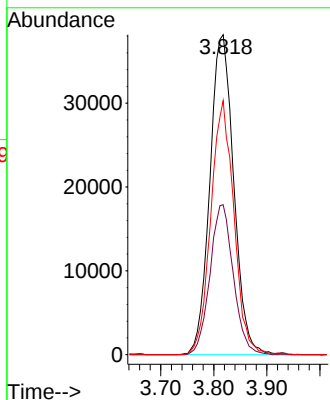
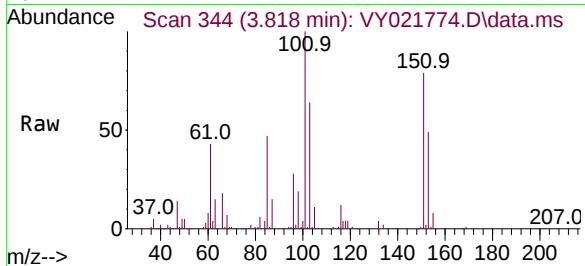




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.587 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

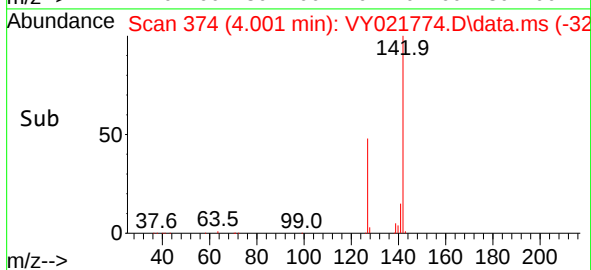
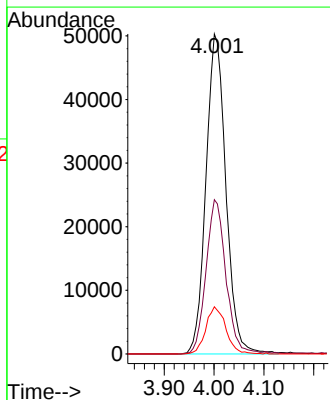
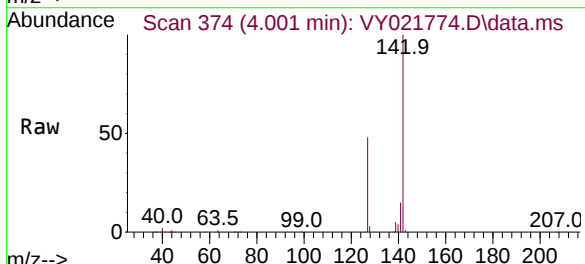
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 119415
Ion Ratio Lower Upper
101 100
85 45.8 36.3 54.5
151 76.7 61.3 91.9



#10
Methyl Iodide
Concen: 51.852 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:142 Resp: 139809
Ion Ratio Lower Upper
142 100
127 48.0 38.7 58.1
141 14.8 11.5 17.3

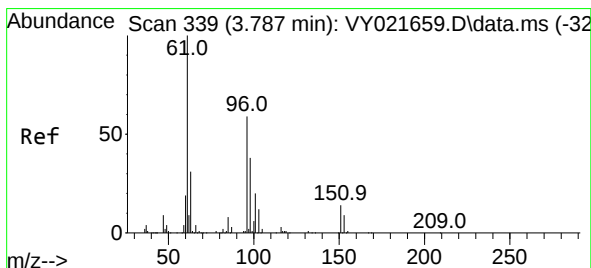
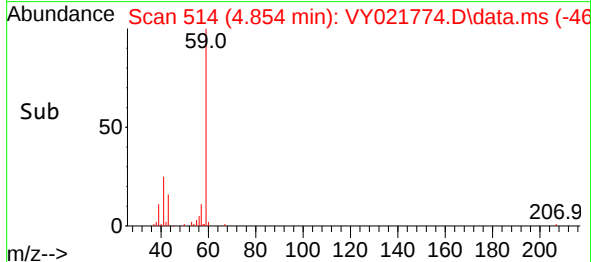
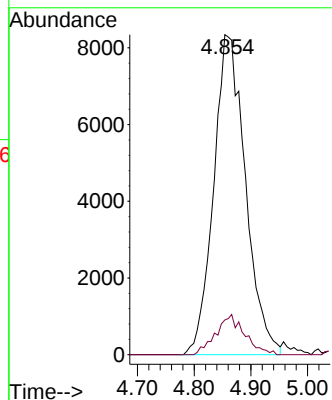
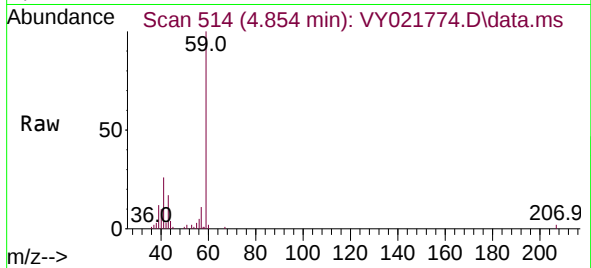




#11
Tert butyl alcohol
Concen: 208.988 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

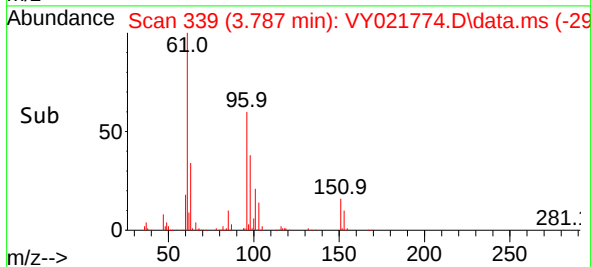
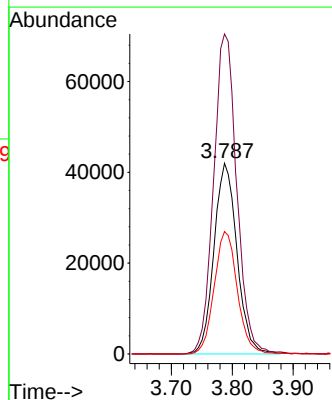
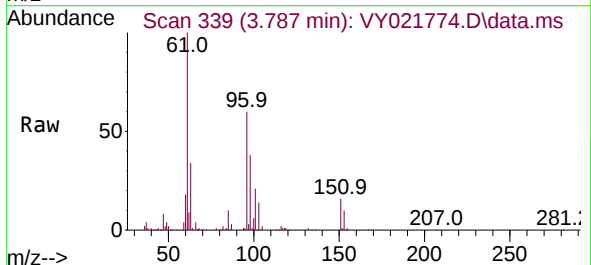
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

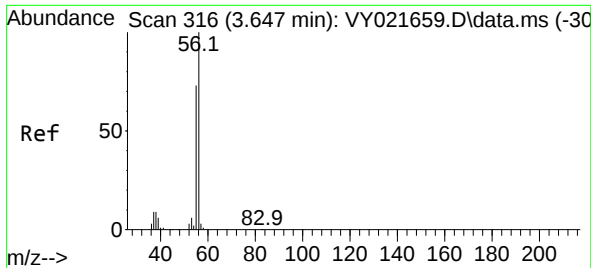
Tgt Ion: 59 Resp: 32460
Ion Ratio Lower Upper
59 100
57 11.3 9.2 13.8



#12
1,1-Dichloroethene
Concen: 47.648 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 96 Resp: 110305
Ion Ratio Lower Upper
96 100
61 167.7 136.6 204.8
98 64.1 52.3 78.5

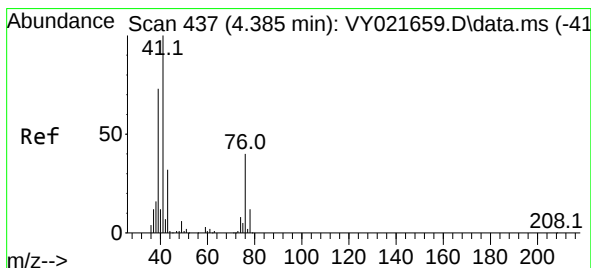
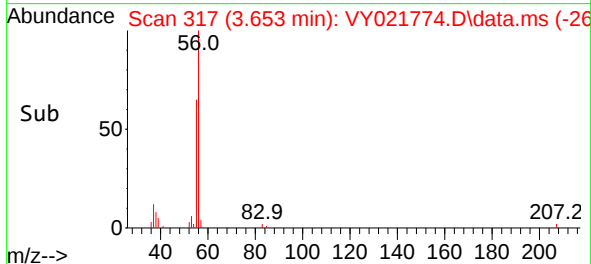
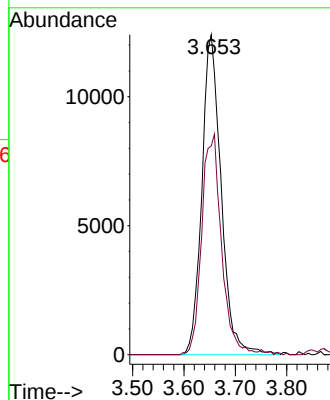
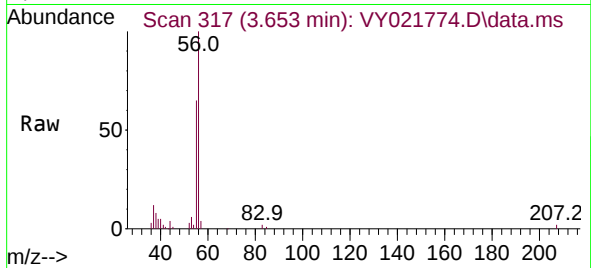




#13
Acrolein
Concen: 113.958 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

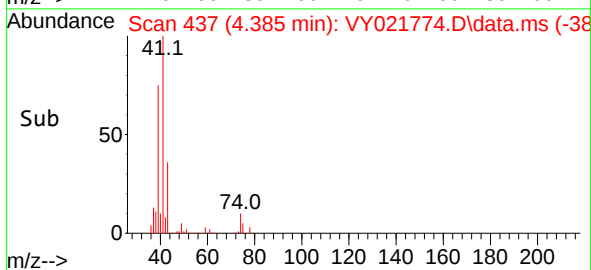
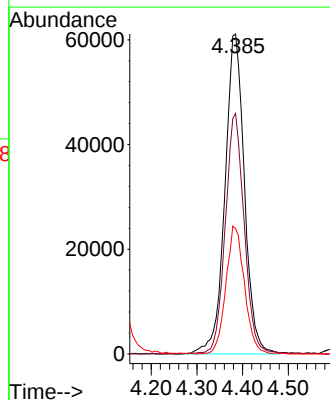
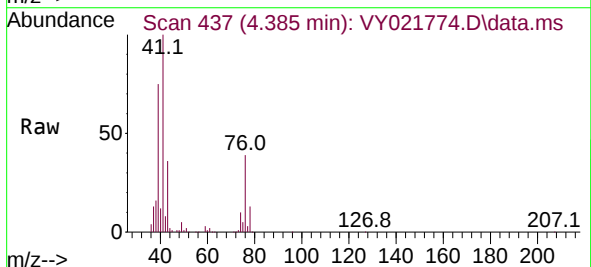
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

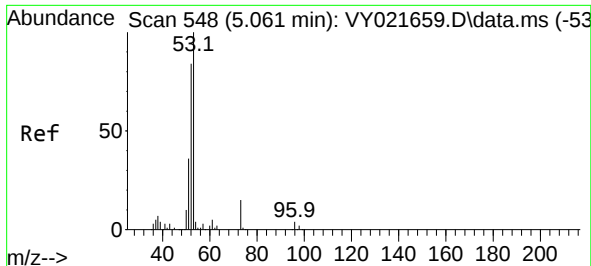
Tgt Ion: 56 Resp: 32319
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0



#14
Allyl chloride
Concen: 49.198 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 41 Resp: 181590
Ion Ratio Lower Upper
41 100
39 73.2 58.6 88.0
76 38.0 30.3 45.5

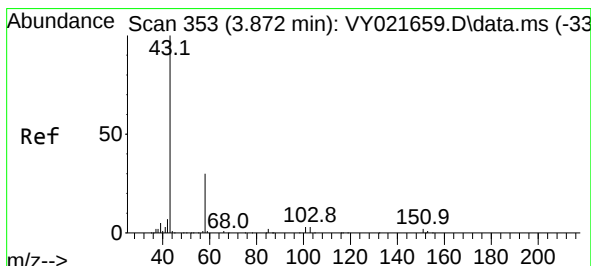
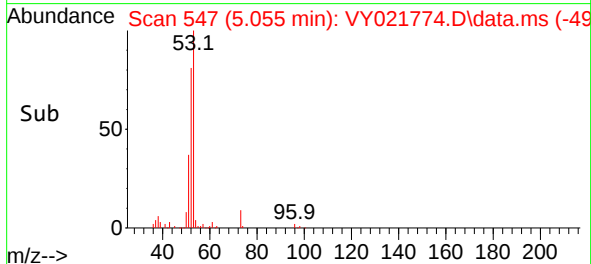
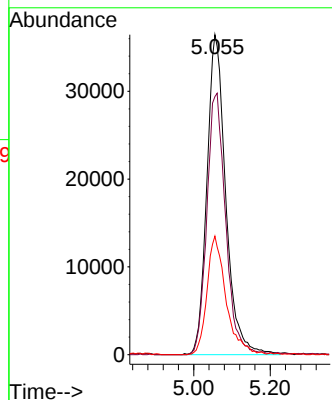
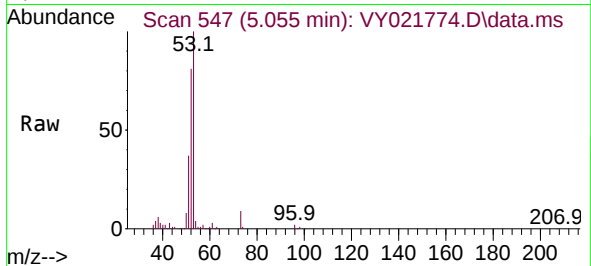




#15
Acrylonitrile
Concen: 235.608 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

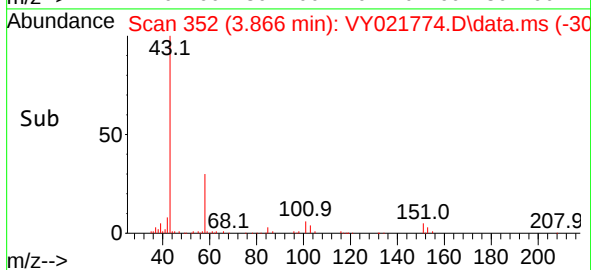
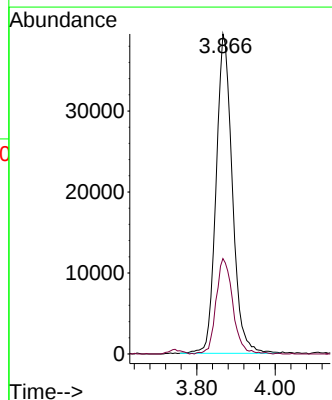
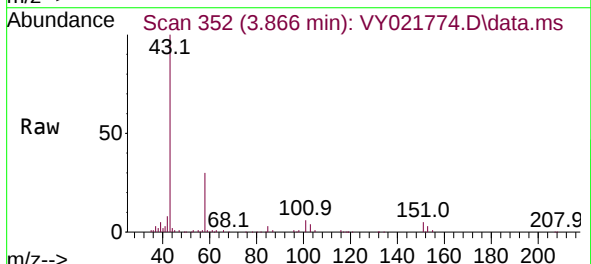
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

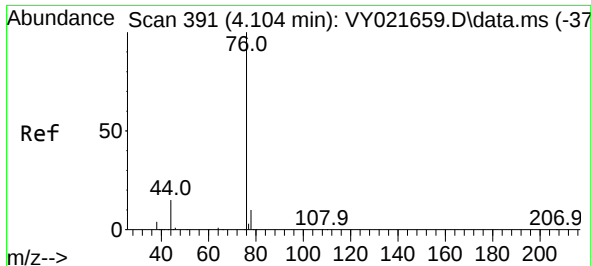
Tgt Ion: 53 Resp: 124666
Ion Ratio Lower Upper
53 100
52 81.5 64.9 97.3
51 37.6 30.2 45.2



#16
Acetone
Concen: 231.526 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 43 Resp: 113309
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4

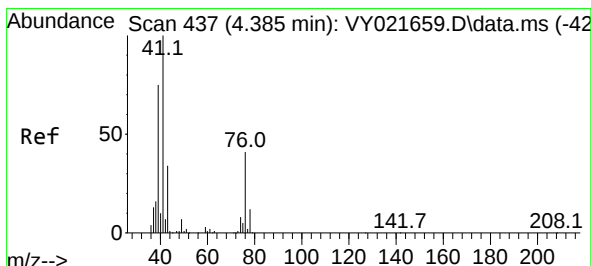
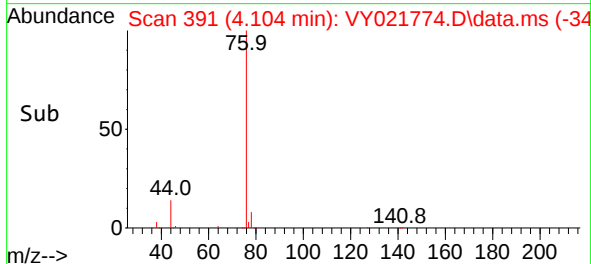
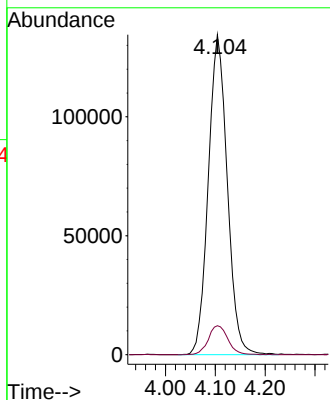
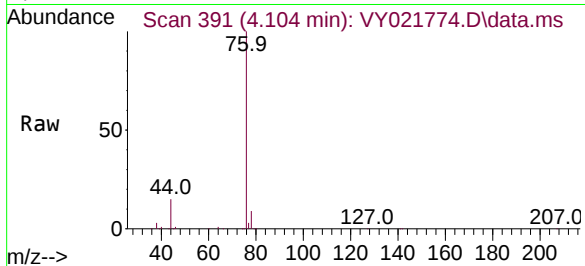




#17
Carbon Disulfide
Concen: 46.651 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

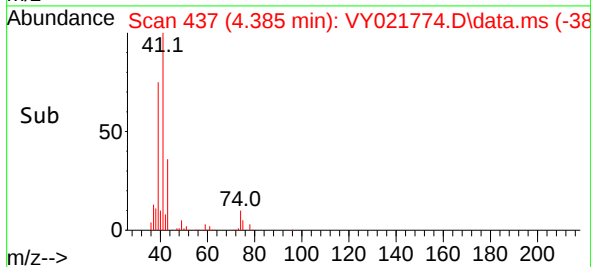
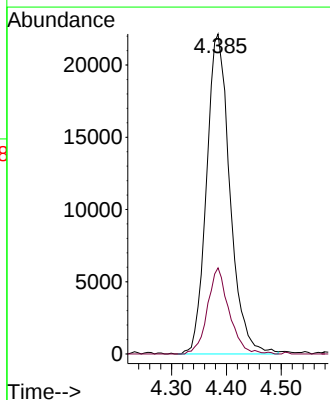
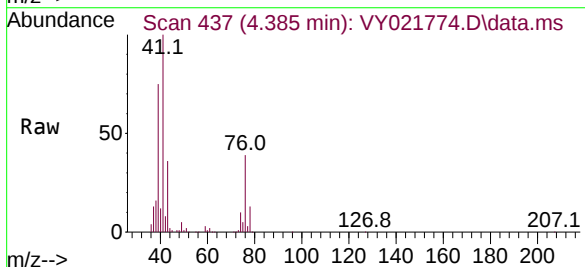
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

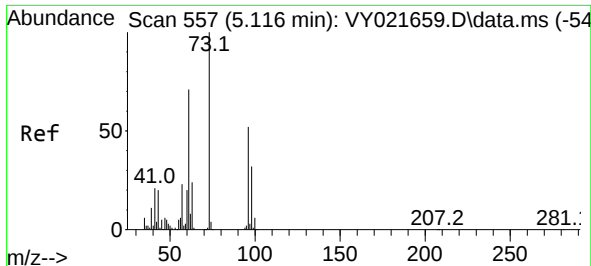
Tgt Ion: 76 Resp: 355712
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 54.053 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 43 Resp: 65562
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7

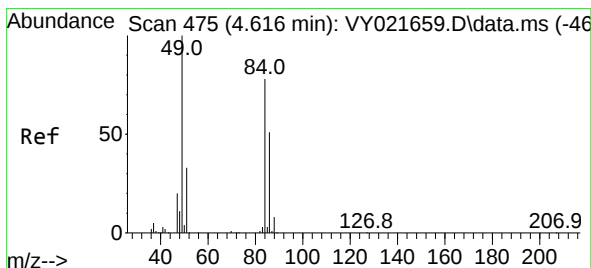
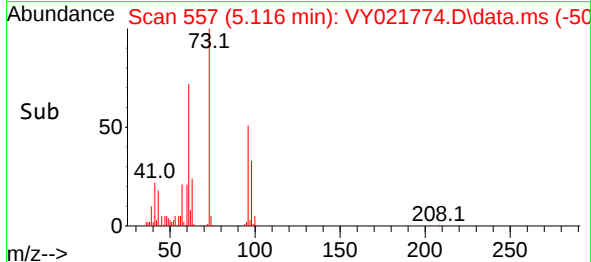
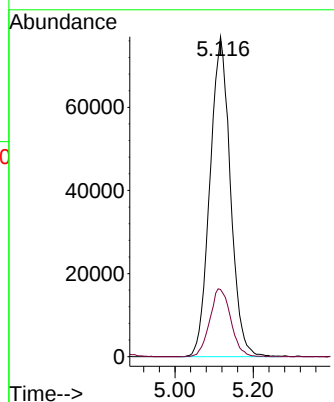
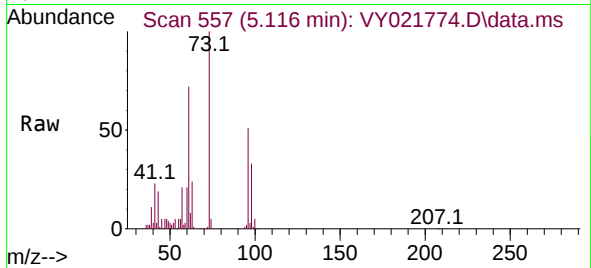




#19
Methyl tert-butyl Ether
Concen: 48.299 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

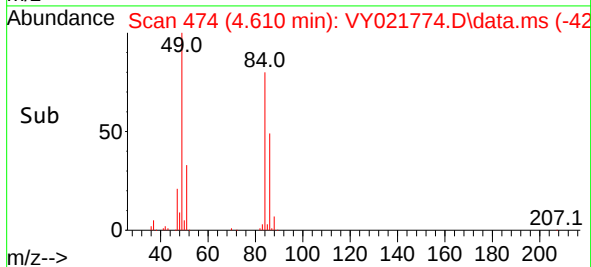
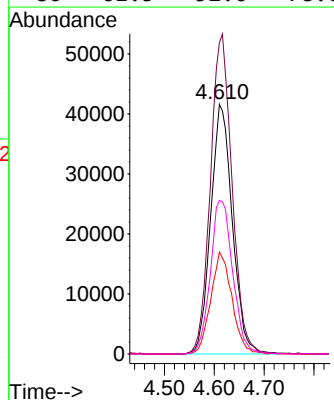
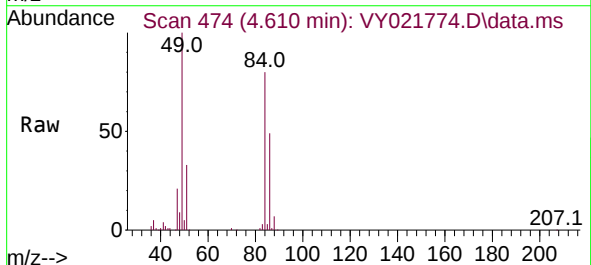
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

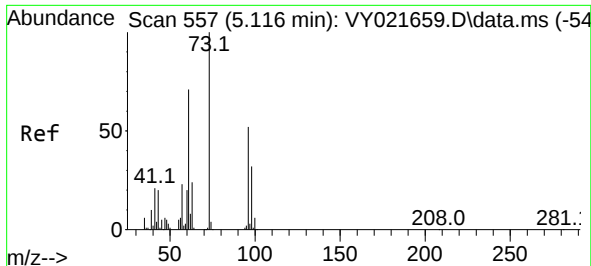
Tgt Ion: 73 Resp: 278375
Ion Ratio Lower Upper
73 100
57 21.0 18.1 27.1



#20
Methylene Chloride
Concen: 52.675 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 84 Resp: 125650
Ion Ratio Lower Upper
84 100
49 124.7 102.8 154.2
51 40.8 33.5 50.3
86 61.5 52.0 78.0

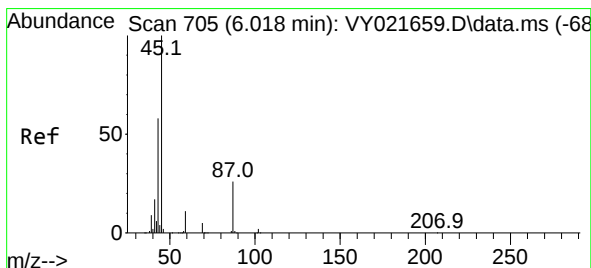
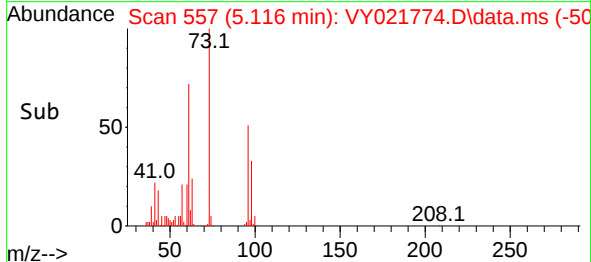
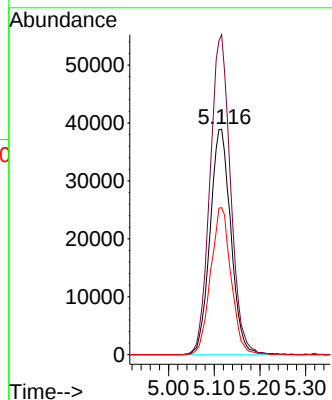
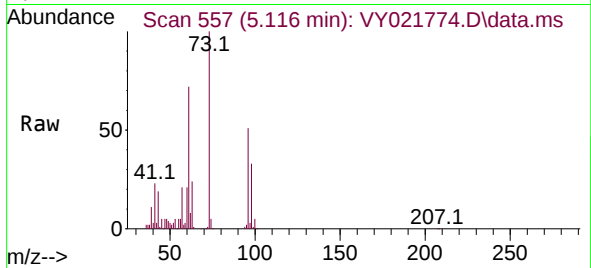




#21
trans-1,2-Dichloroethene
Concen: 48.372 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

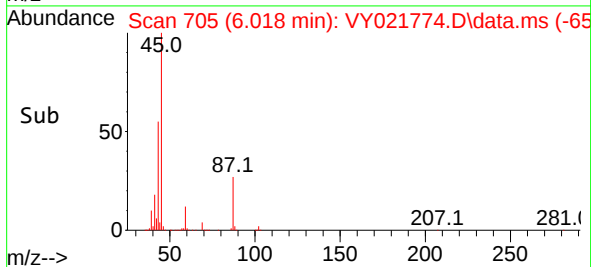
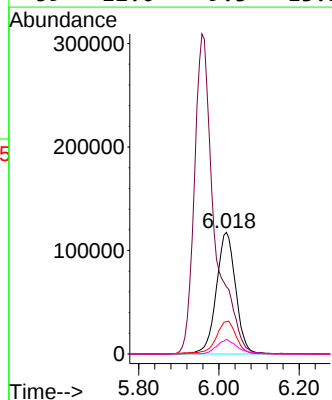
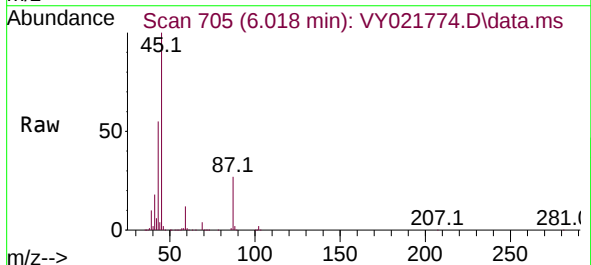
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

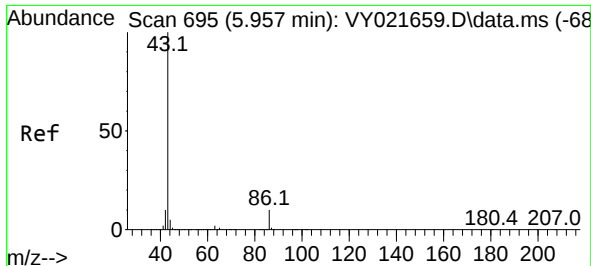
Tgt Ion: 96 Resp: 123293
Ion Ratio Lower Upper
96 100
61 141.9 109.4 164.0
98 65.2 50.2 75.2



#22
Diisopropyl ether
Concen: 50.694 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 45 Resp: 392516
Ion Ratio Lower Upper
45 100
43 54.7 46.6 69.8
87 26.6 20.7 31.1
59 12.0 9.3 13.9

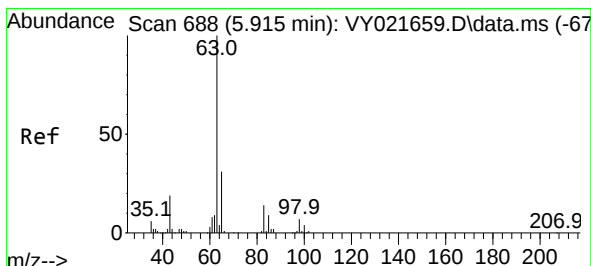
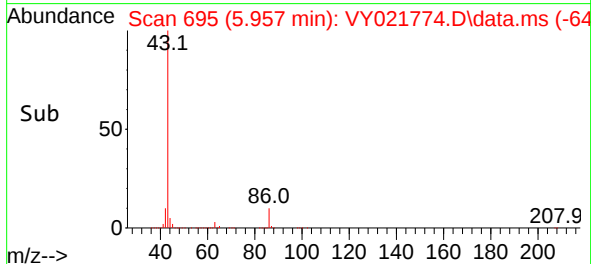
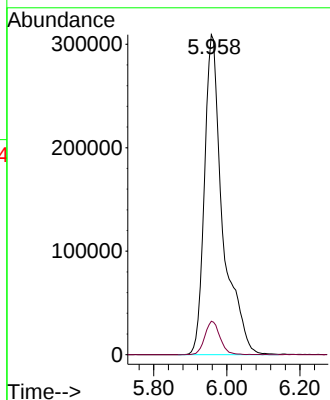
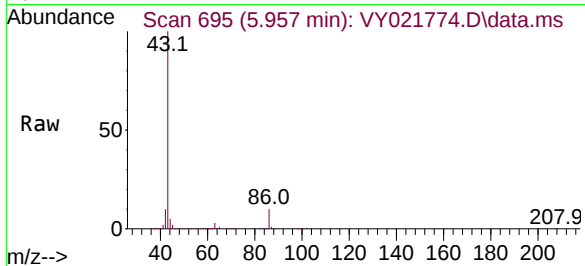




#23
 Vinyl Acetate
 Concen: 236.869 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021774.D
 Acq: 03 Apr 2025 15:32

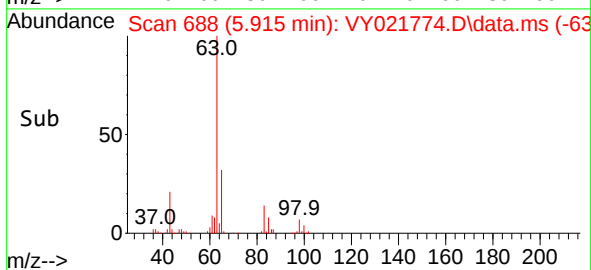
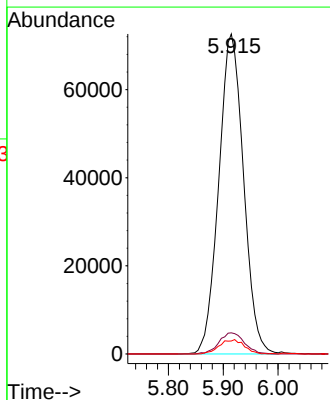
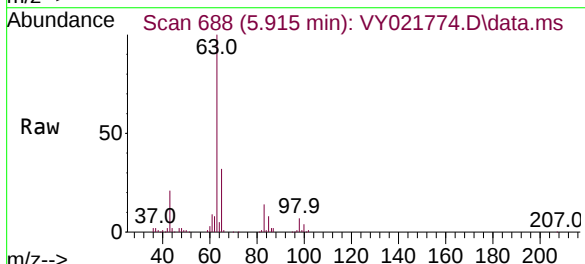
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

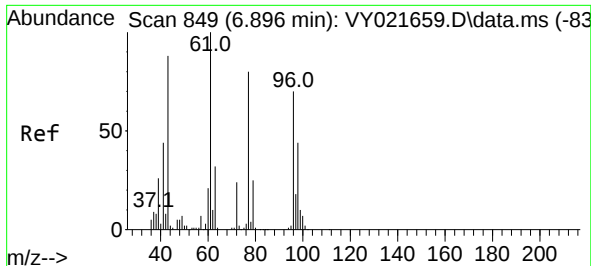
Tgt Ion: 43 Resp: 1072919
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.251 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021774.D
 Acq: 03 Apr 2025 15:32

Tgt Ion: 63 Resp: 228026
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 232.560 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

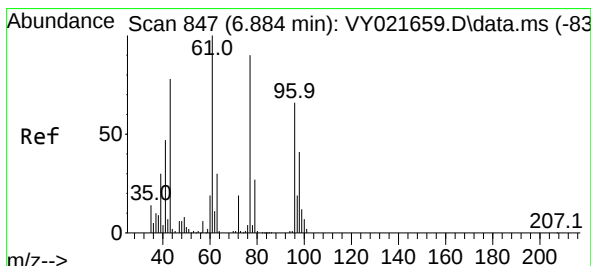
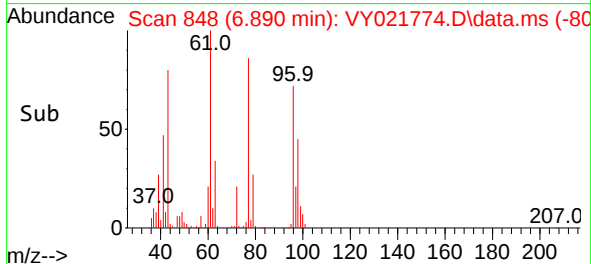
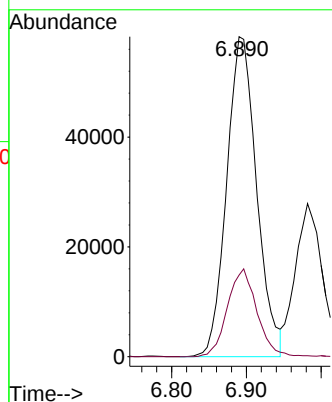
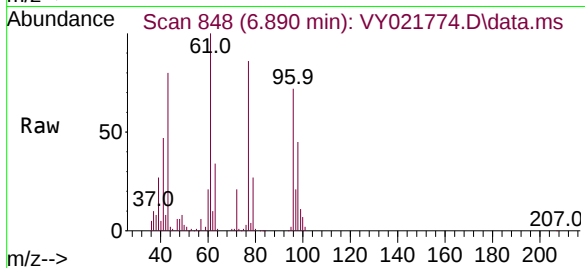
VSTDCCC050EC

Tgt Ion: 43 Resp: 162563

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.249 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021774.D

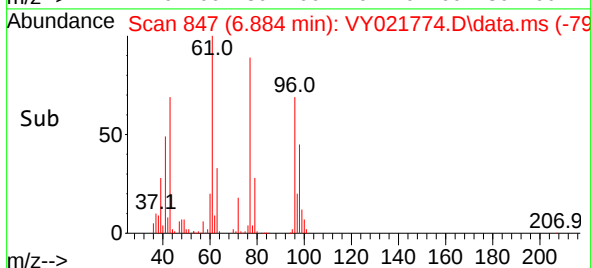
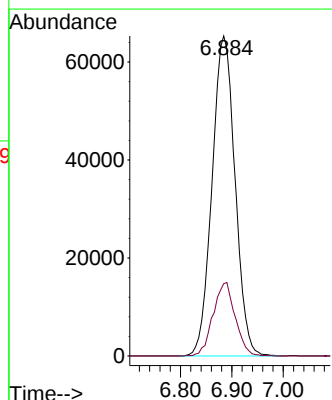
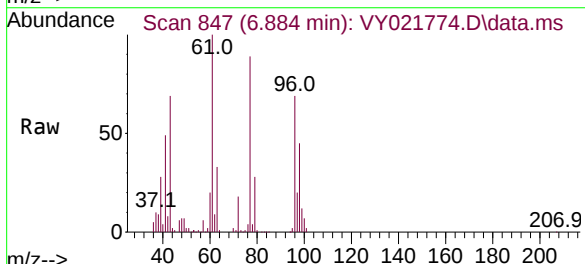
Acq: 03 Apr 2025 15:32

Tgt Ion: 77 Resp: 202825

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1

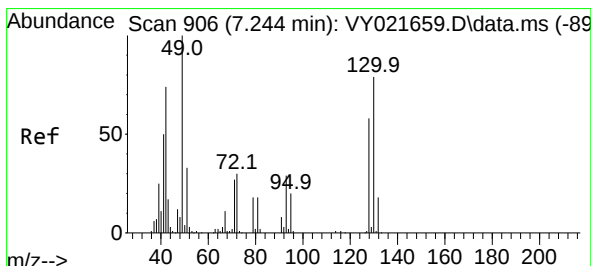
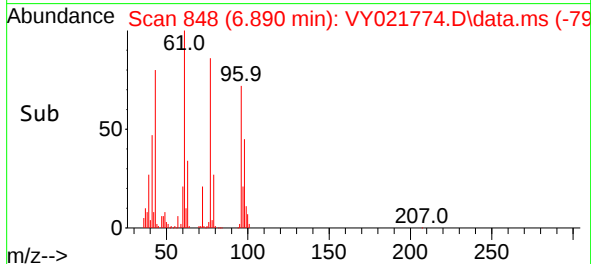
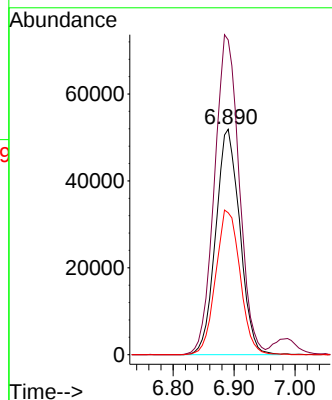
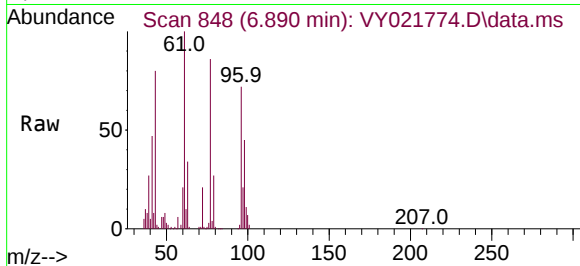




#27
 cis-1,2-Dichloroethene
 Concen: 49.788 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021774.D
 Acq: 03 Apr 2025 15:32

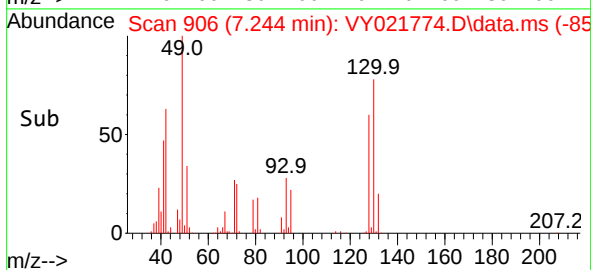
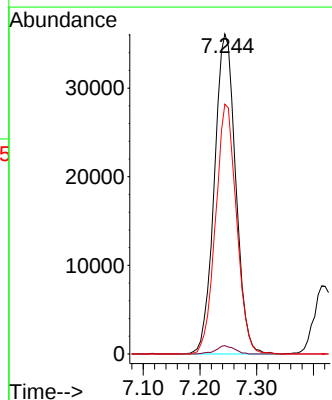
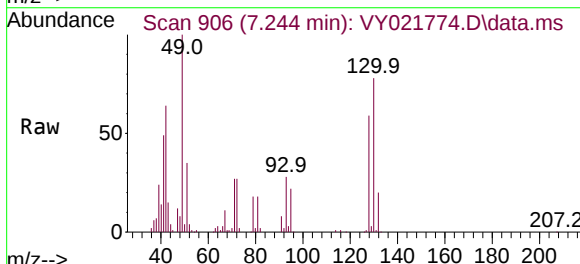
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

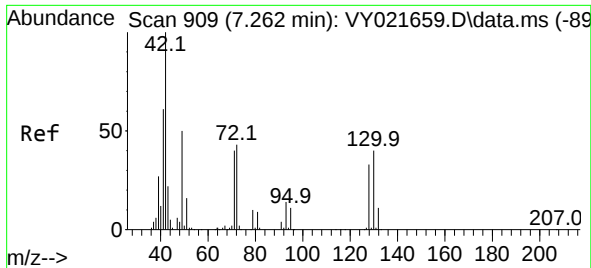
Tgt Ion: 96 Resp: 142711
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 296.4
 98 65.1 0.0 128.0



#28
 Bromochloromethane
 Concen: 48.358 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021774.D
 Acq: 03 Apr 2025 15:32

Tgt Ion: 49 Resp: 94423
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 76.5 60.1 90.1

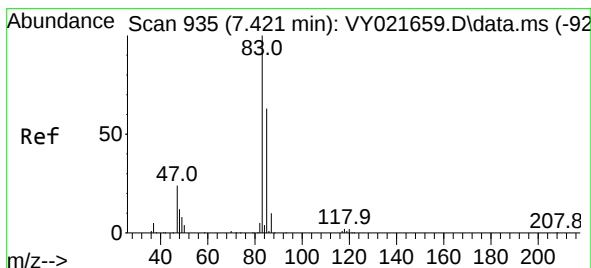
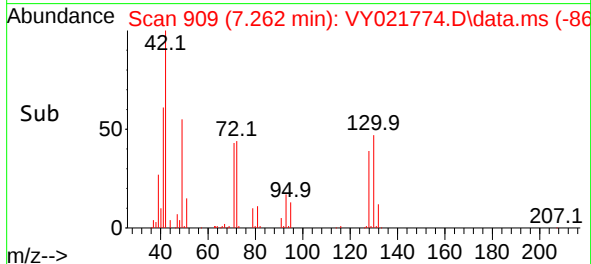
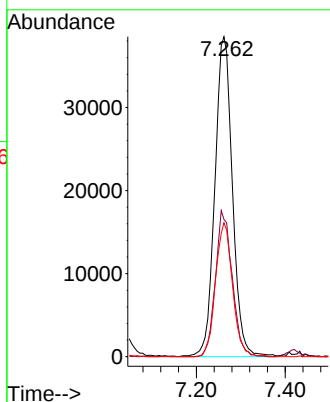
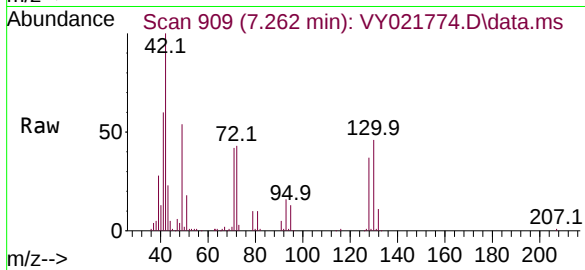




#29
Tetrahydrofuran
Concen: 234.792 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

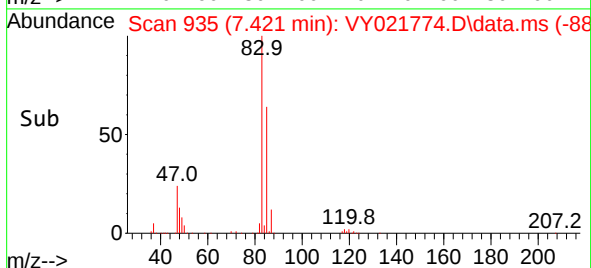
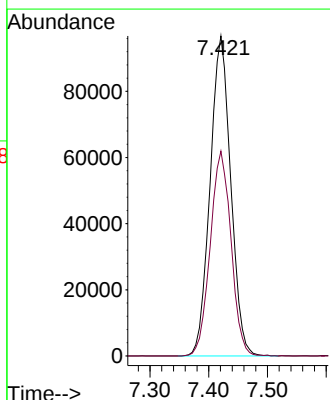
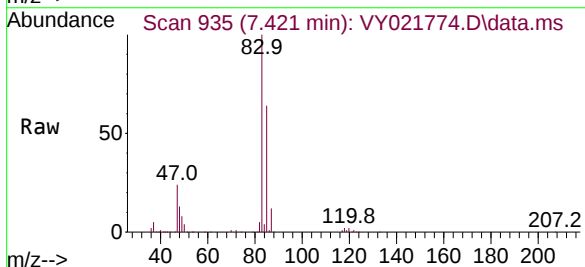
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

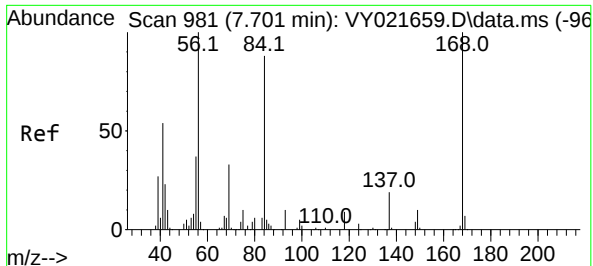
Tgt Ion: 42 Resp: 105628
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.4 32.5 48.7



#30
Chloroform
Concen: 48.972 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 83 Resp: 235827
Ion Ratio Lower Upper
83 100
85 64.0 50.6 75.8

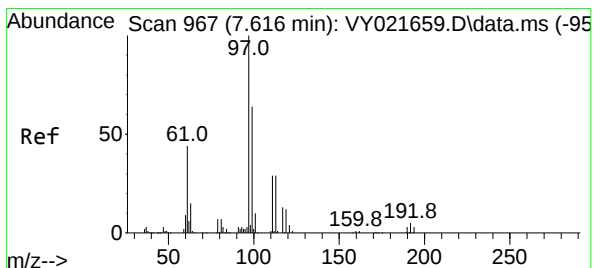
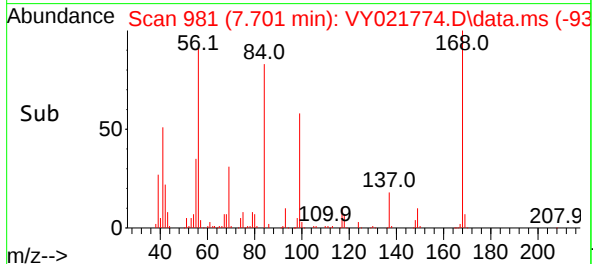
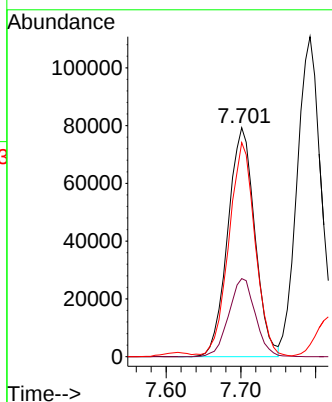
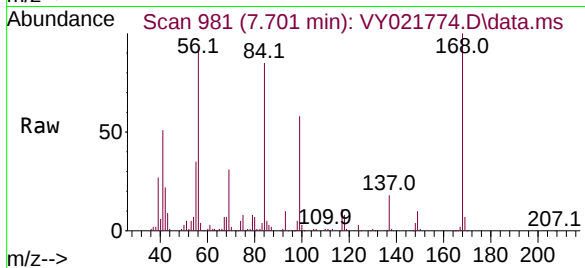




#31
Cyclohexane
Concen: 47.185 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

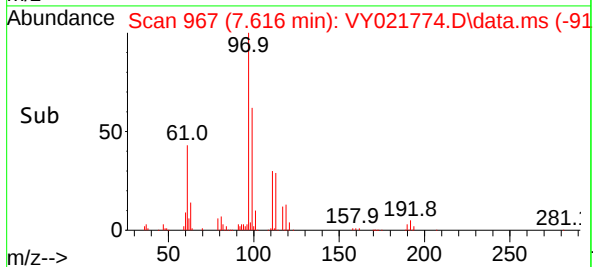
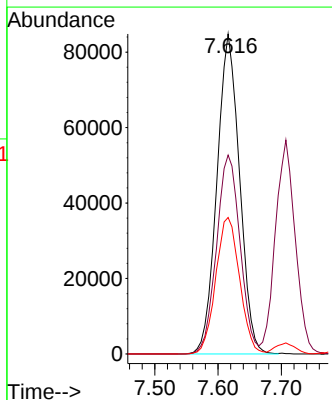
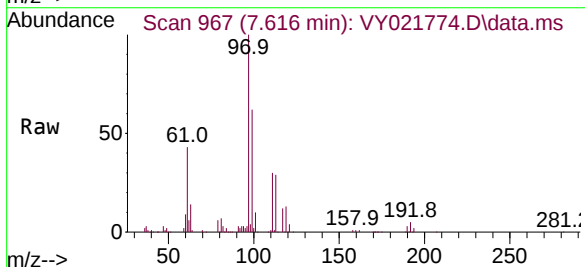
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

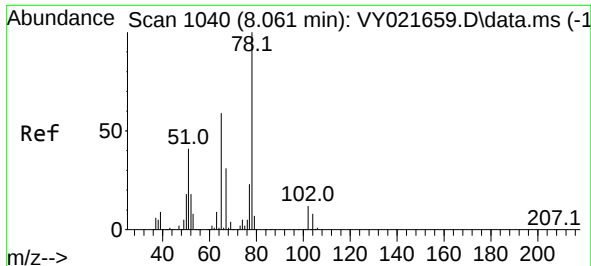
Tgt Ion: 56 Resp: 199143
Ion Ratio Lower Upper
56 100
69 34.1 26.6 40.0
84 91.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.353 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 97 Resp: 210448
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 45.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.418 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

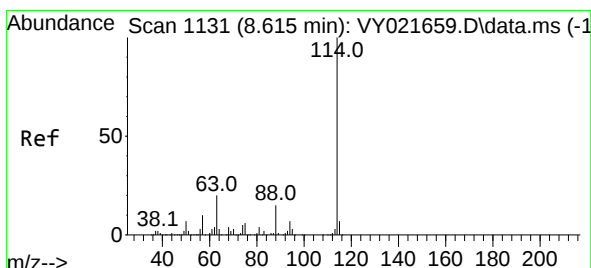
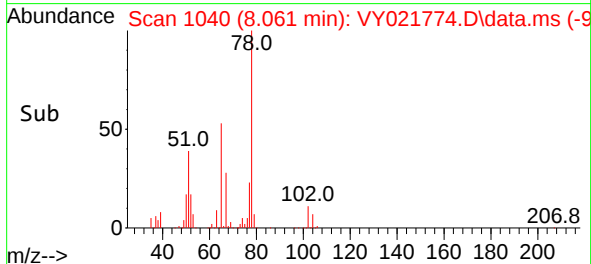
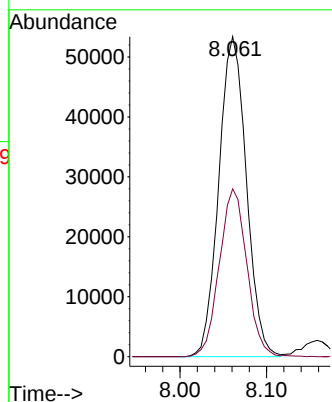
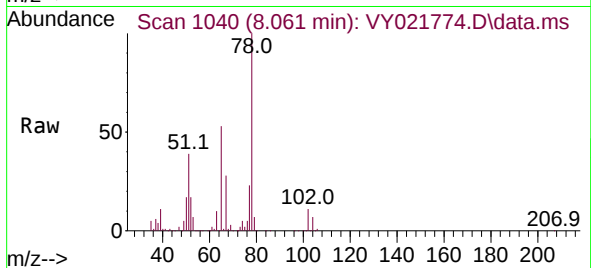
VSTDCCC050EC

Tgt Ion: 65 Resp: 118172

Ion Ratio Lower Upper

65 100

67 52.4 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: VY021774.D

Acq: 03 Apr 2025 15:32

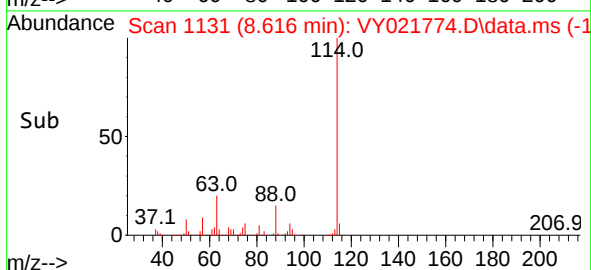
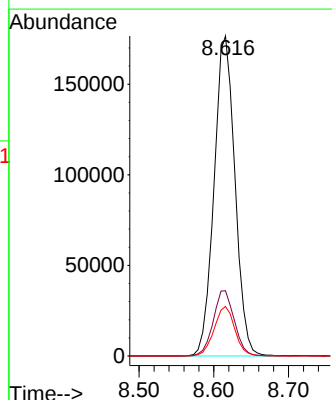
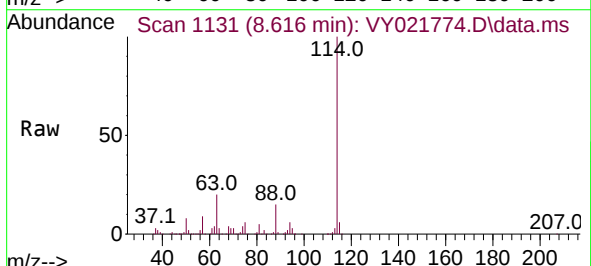
Tgt Ion: 114 Resp: 342993

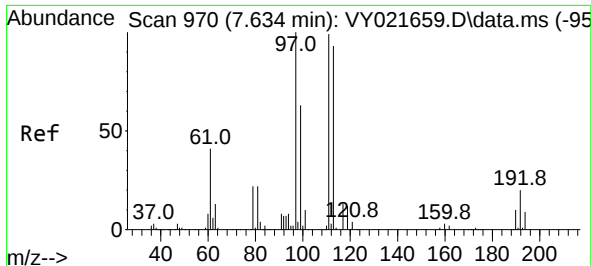
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.5 0.0 29.8

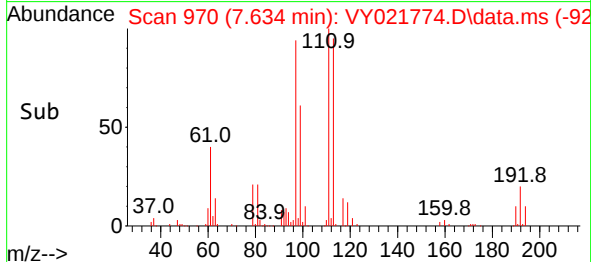
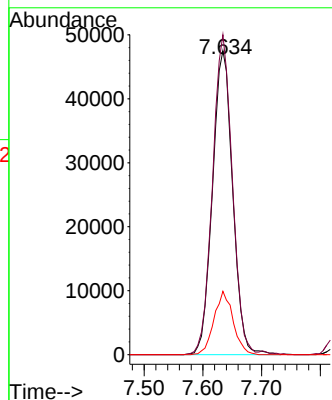
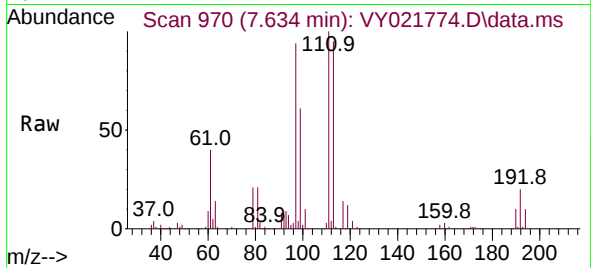




#35
Dibromofluoromethane
Concen: 50.921 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

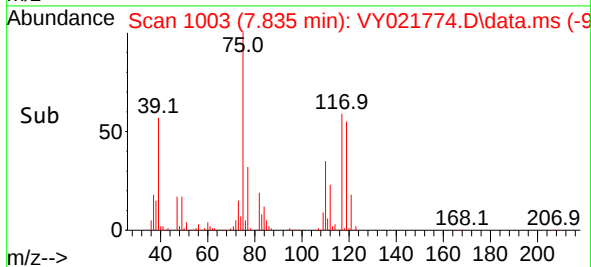
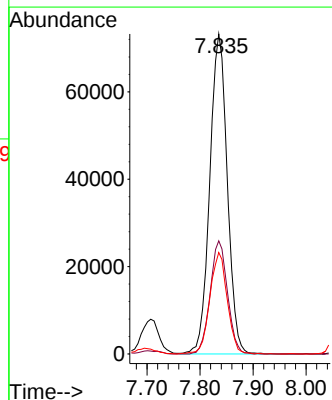
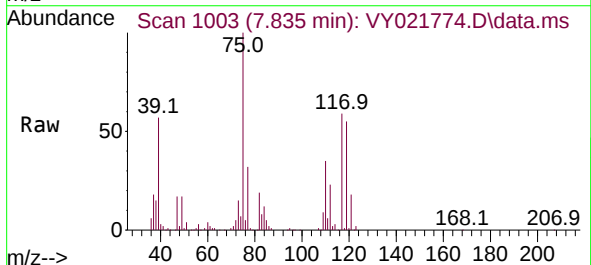
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

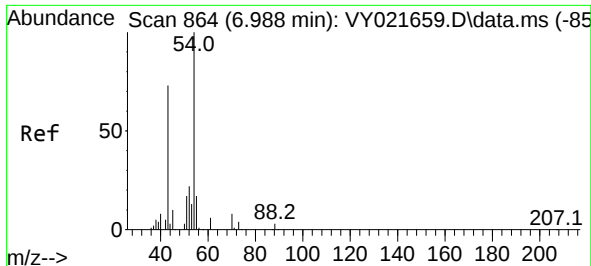
Tgt Ion:113 Resp: 113296
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.637 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 75 Resp: 168216
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 44.877 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

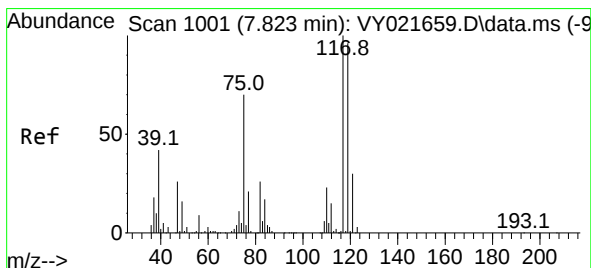
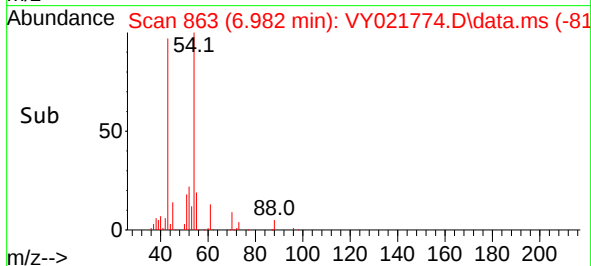
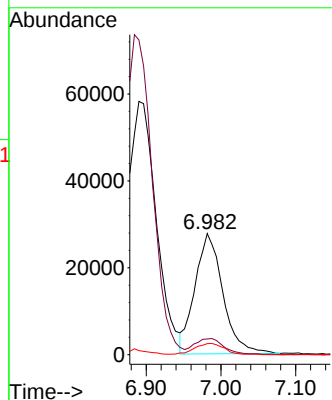
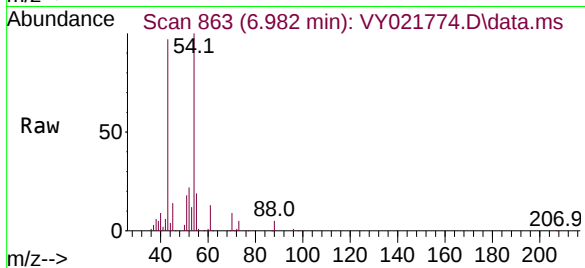
Tgt Ion: 43 Resp: 71776

Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.511 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

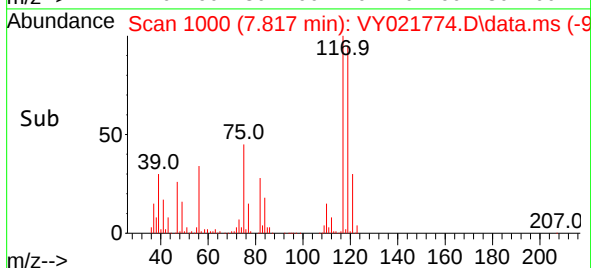
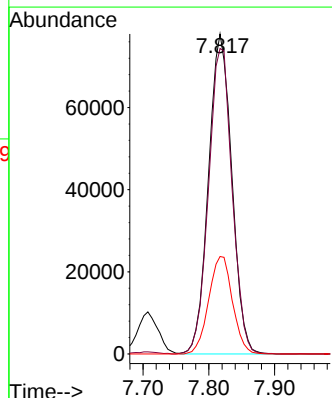
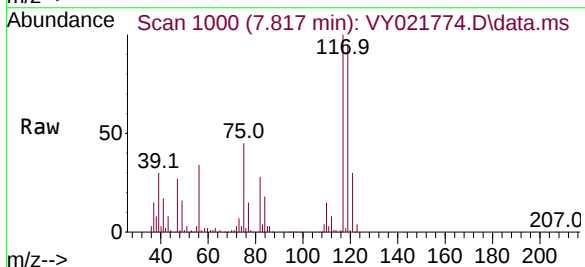
Tgt Ion: 117 Resp: 192176

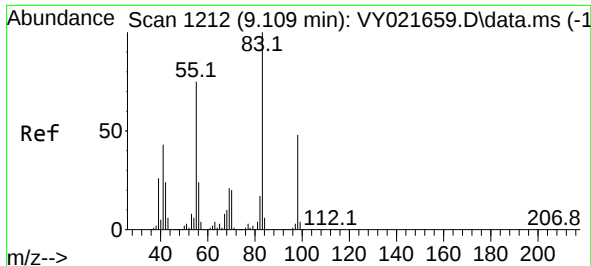
Ion Ratio Lower Upper

117 100

119 95.4 76.2 114.4

121 30.4 24.2 36.4





#39

Methylcyclohexane

Concen: 51.744 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

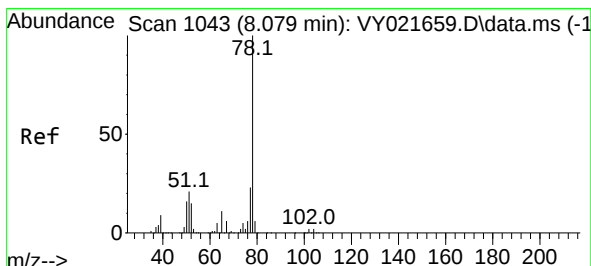
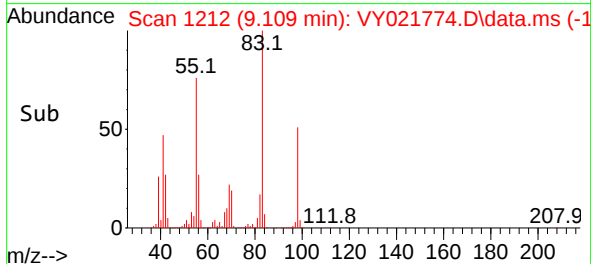
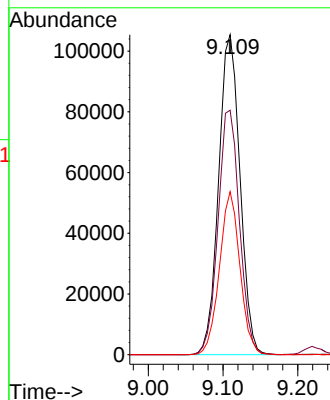
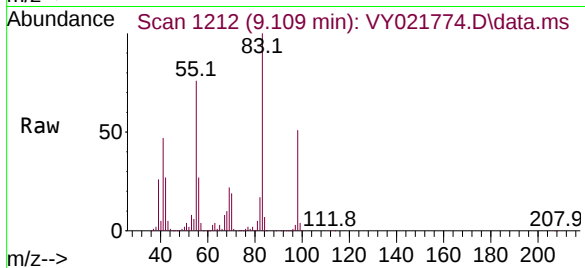
Tgt Ion: 83 Resp: 209482

Ion Ratio Lower Upper

83 100

55 76.4 59.7 89.5

98 50.9 38.3 57.5



#40

Benzene

Concen: 50.078 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021774.D

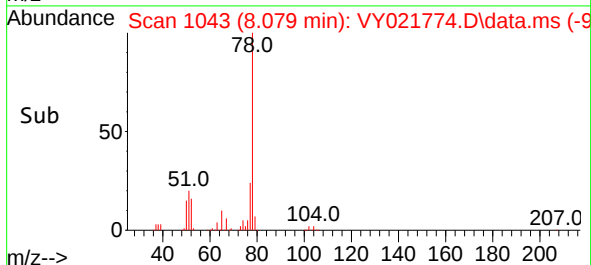
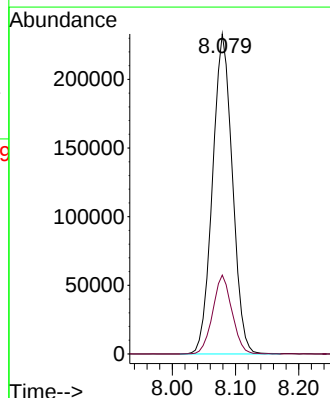
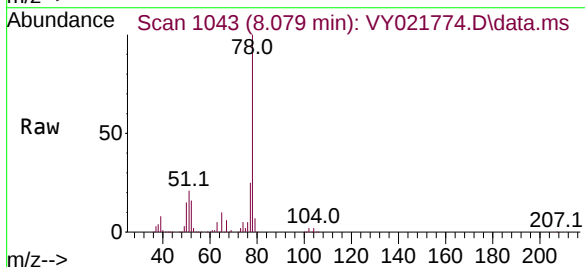
Acq: 03 Apr 2025 15:32

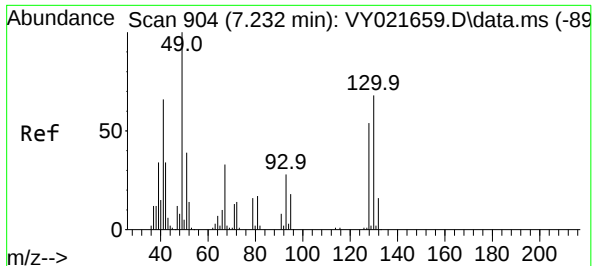
Tgt Ion: 78 Resp: 508243

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2

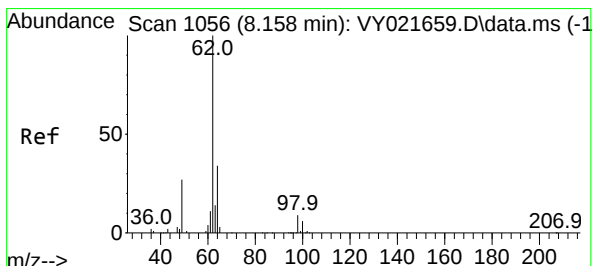
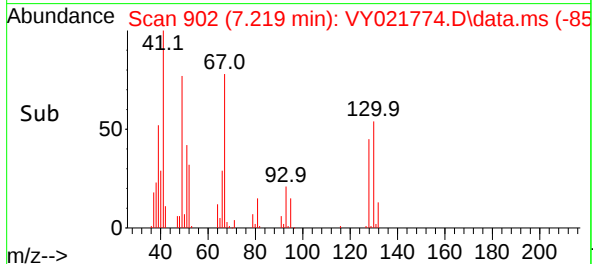
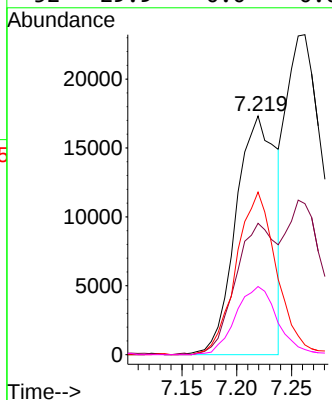
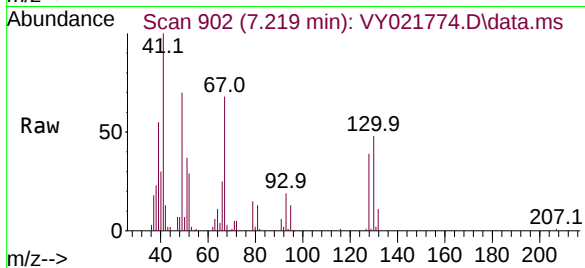




#41
Methacrylonitrile
Concen: 51.964 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

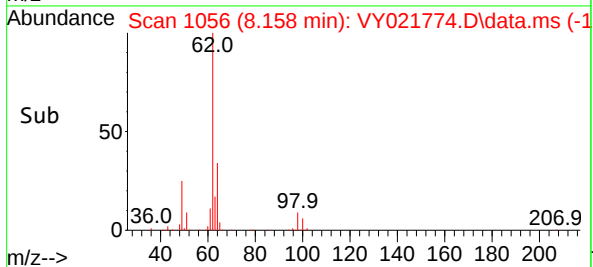
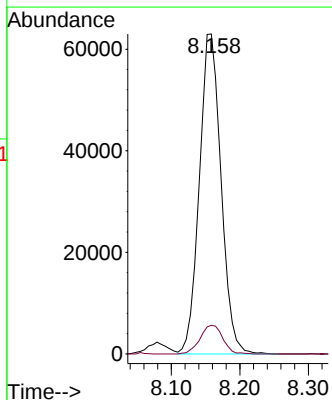
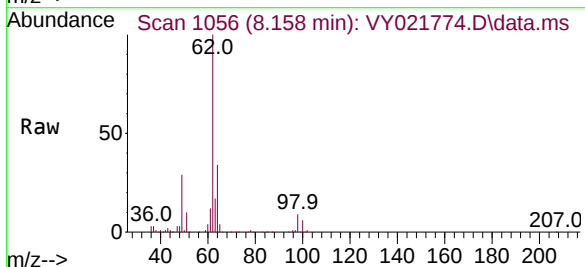
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

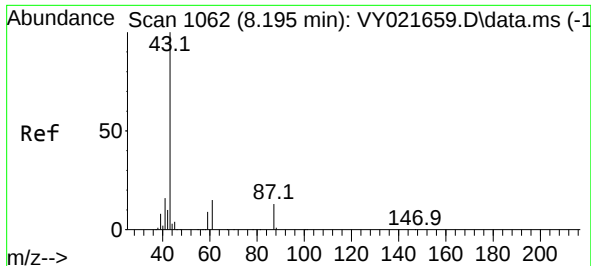
Tgt Ion: 41 Resp: 44137
Ion Ratio Lower Upper
41 100
39 55.7 0.0 0.0#
67 69.5 0.0 0.0#
52 29.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.626 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 62 Resp: 139127
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 46.928 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

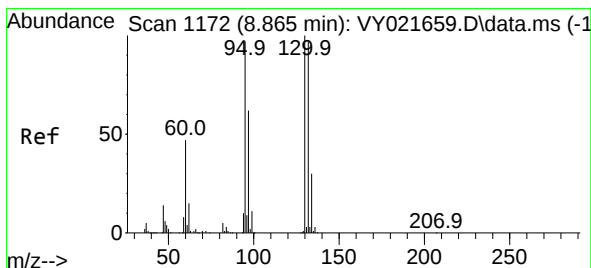
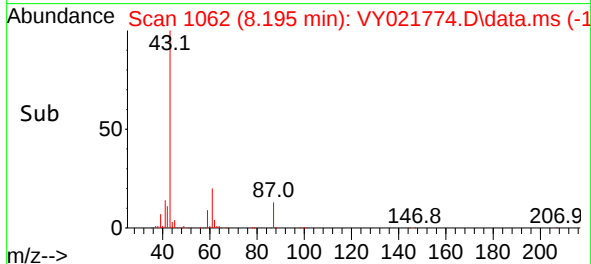
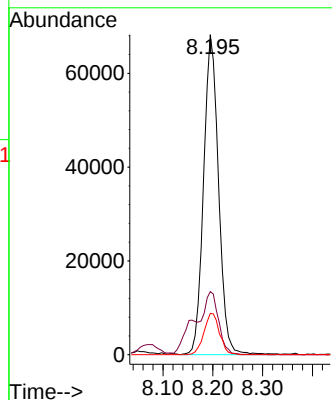
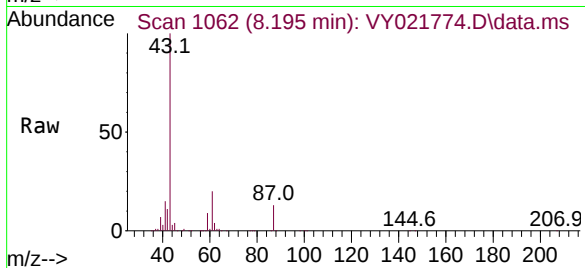
Tgt Ion: 43 Resp: 142236

Ion Ratio Lower Upper

43 100

61 19.9 15.9 23.9

87 13.4 10.4 15.6



#44

Trichloroethene

Concen: 50.562 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021774.D

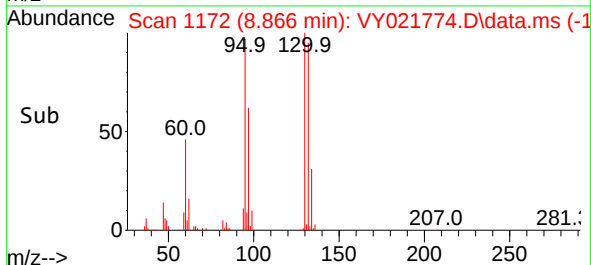
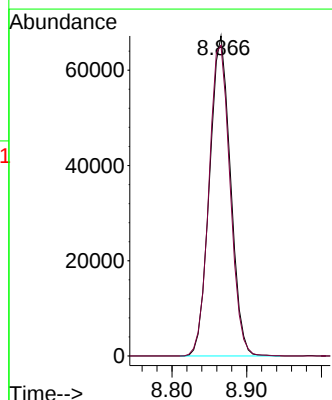
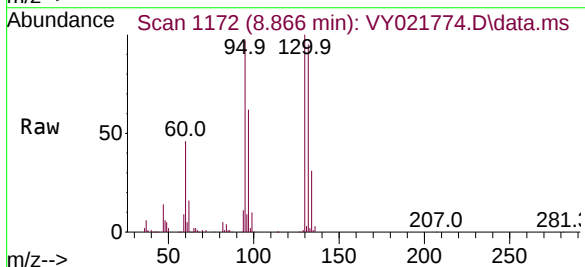
Acq: 03 Apr 2025 15:32

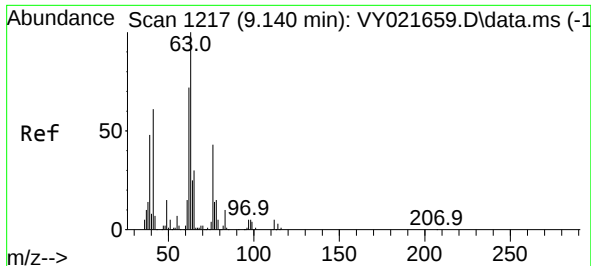
Tgt Ion:130 Resp: 130747

Ion Ratio Lower Upper

130 100

95 97.0 0.0 194.8

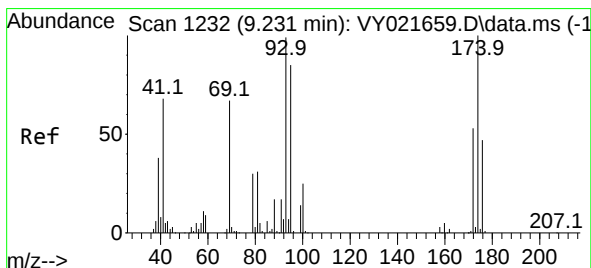
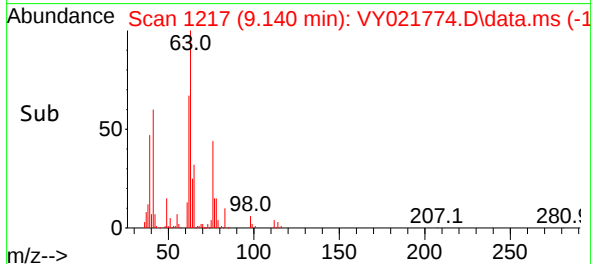
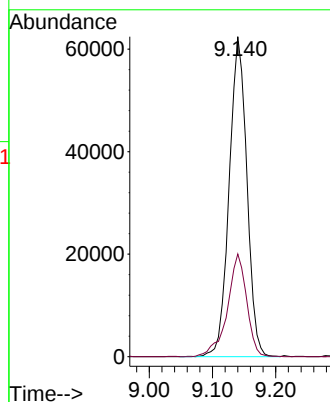
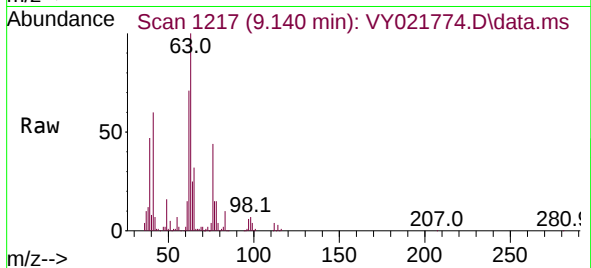




#45
1,2-Dichloropropane
Concen: 50.363 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

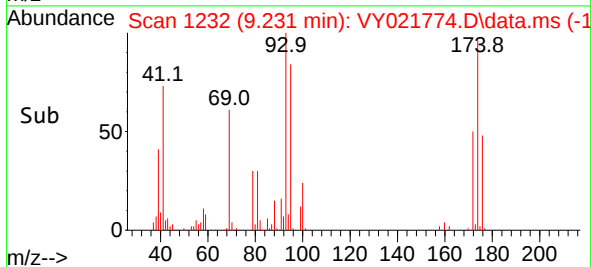
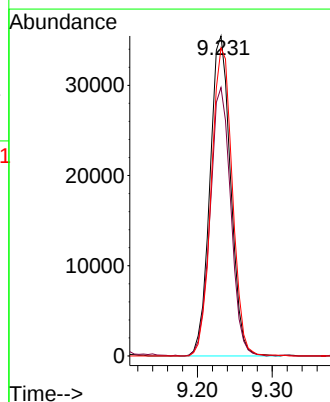
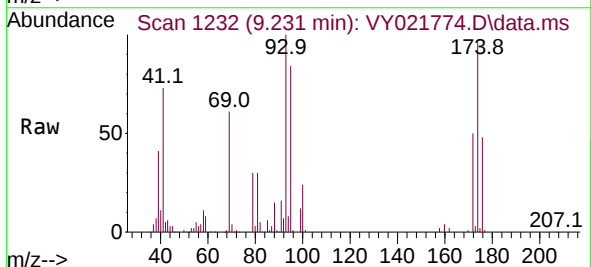
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 120989
Ion Ratio Lower Upper
63 100
65 32.1 24.4 36.6



#46
Dibromomethane
Concen: 49.330 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 93 Resp: 68298
Ion Ratio Lower Upper
93 100
95 83.6 68.1 102.1
174 97.8 80.9 121.3

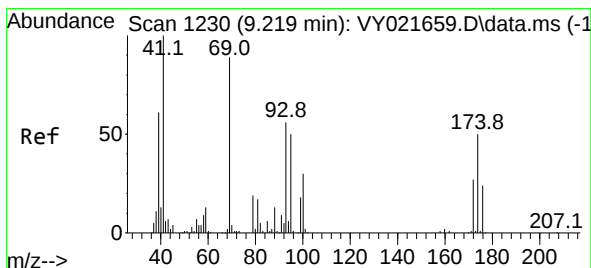
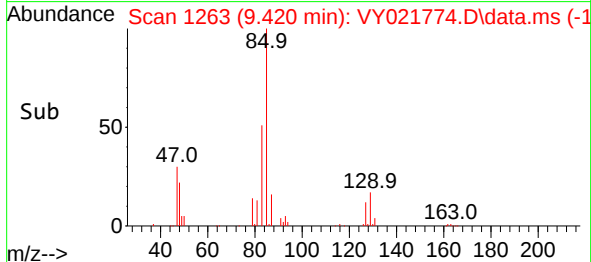
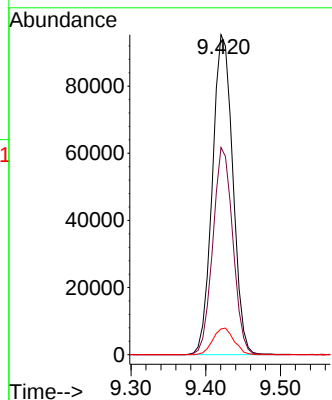
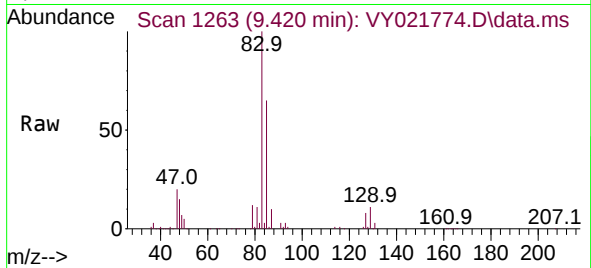




#47
Bromodichloromethane
Concen: 50.458 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

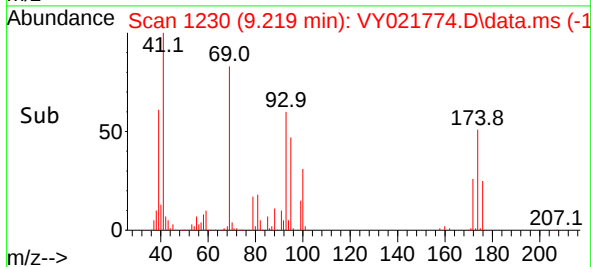
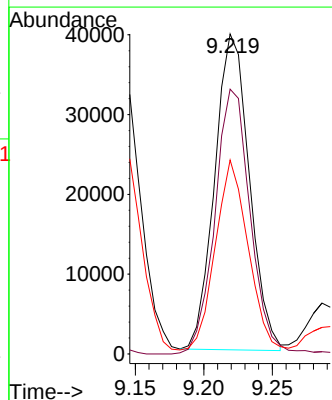
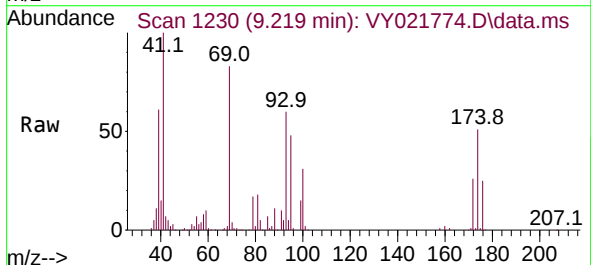
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

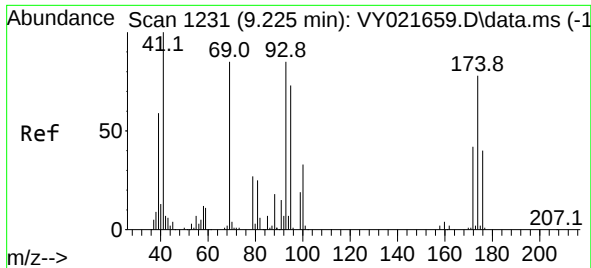
Tgt Ion: 83 Resp: 181021
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 50.003 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 41 Resp: 69558
Ion Ratio Lower Upper
41 100
69 85.8 69.8 104.8
39 57.2 47.2 70.8

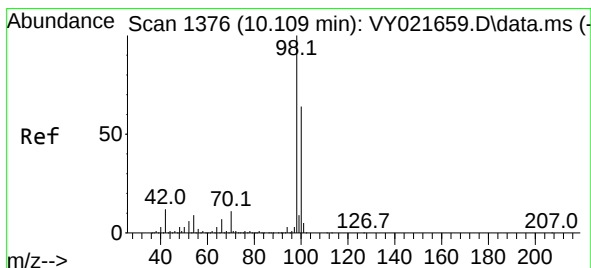
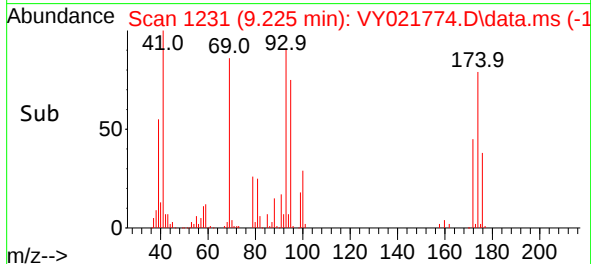
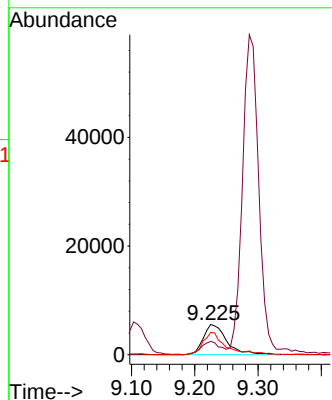
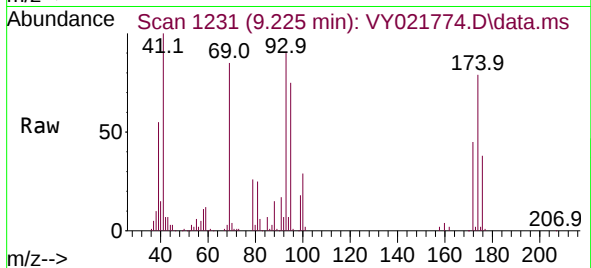




#49
1,4-Dioxane
Concen: 961.046 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

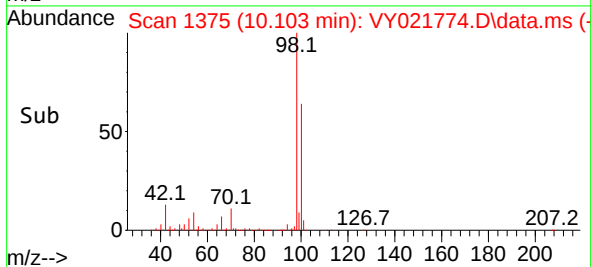
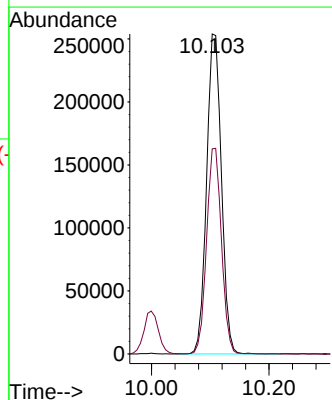
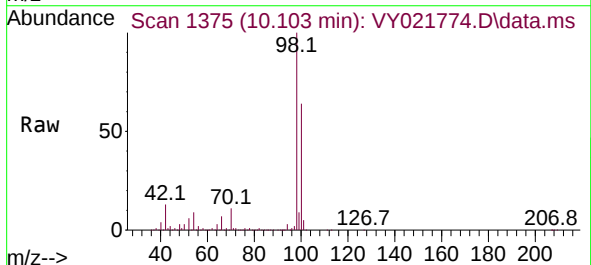
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 14254
Ion Ratio Lower Upper
88 100
43 36.3 28.8 43.2
58 71.9 59.4 89.2



#50
Toluene-d8
Concen: 52.533 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 98 Resp: 444655
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

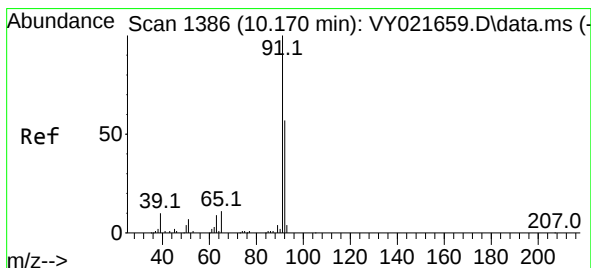
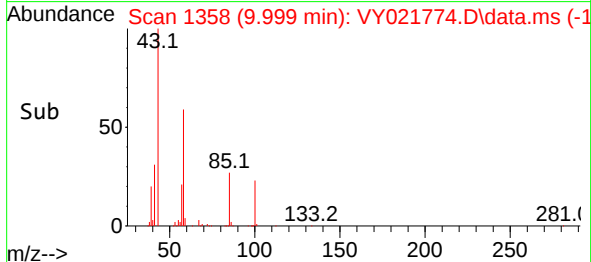
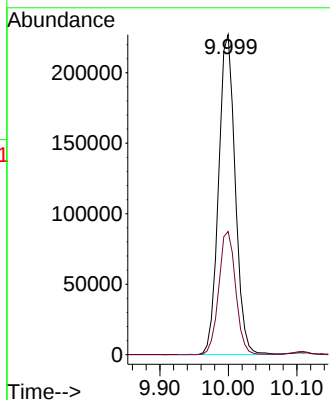
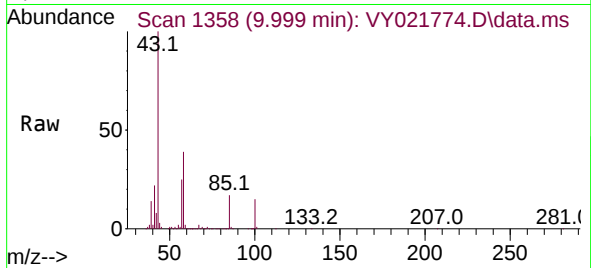




#51
4-Methyl-2-Pentanone
Concen: 241.489 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

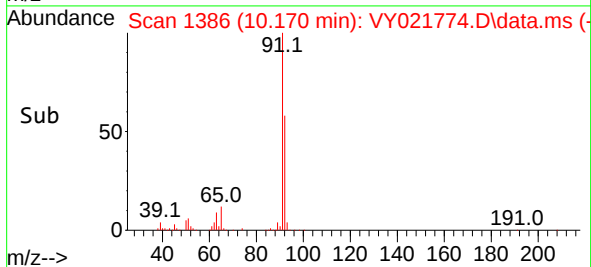
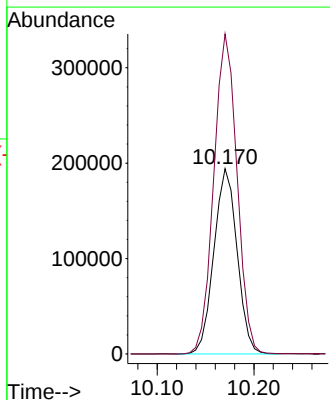
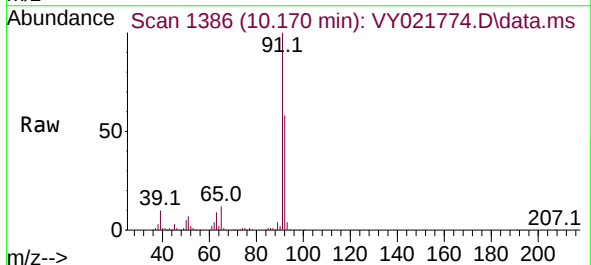
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

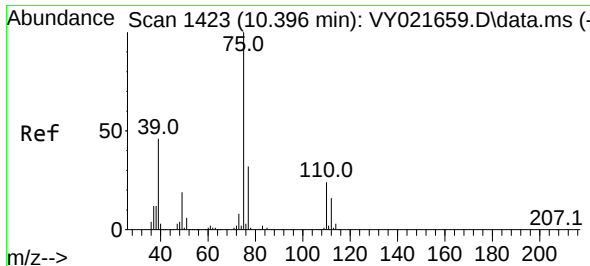
Tgt Ion: 43 Resp: 380899
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3



#52
Toluene
Concen: 51.123 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 92 Resp: 323712
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8

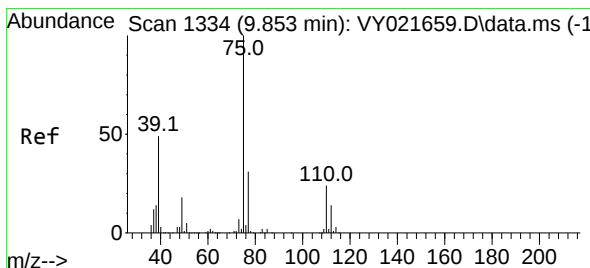
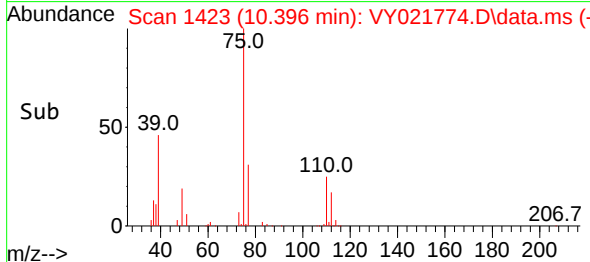
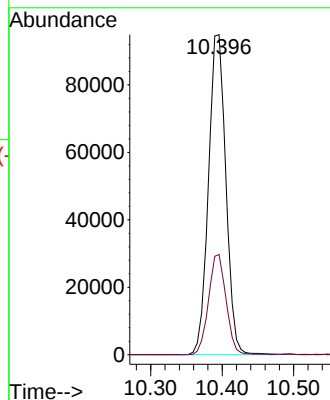
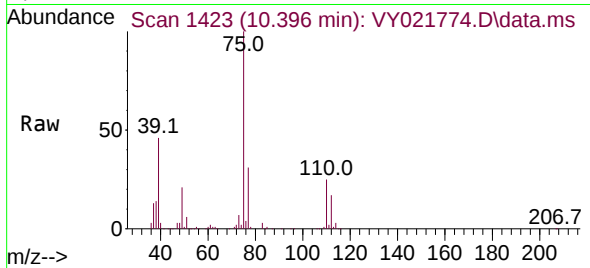




#53
t-1,3-Dichloropropene
Concen: 50.338 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

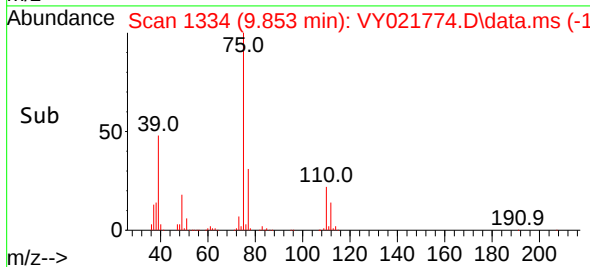
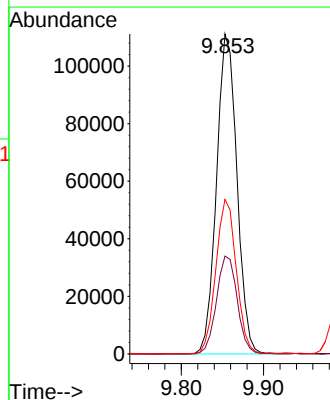
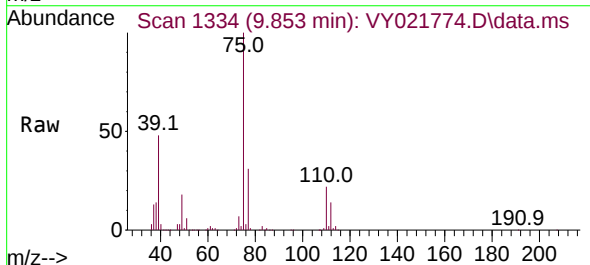
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

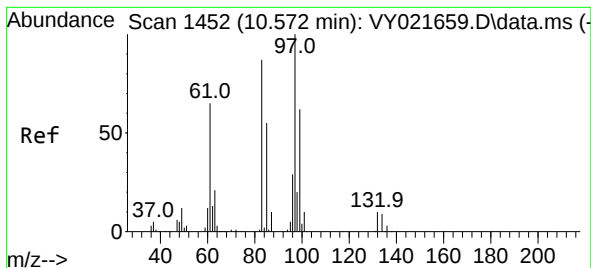
Tgt Ion: 75 Resp: 160403
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.031 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 75 Resp: 191837
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3
39 48.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 49.521 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88233

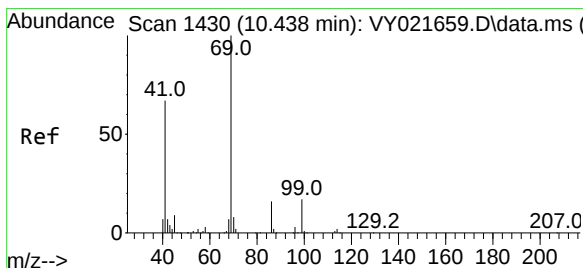
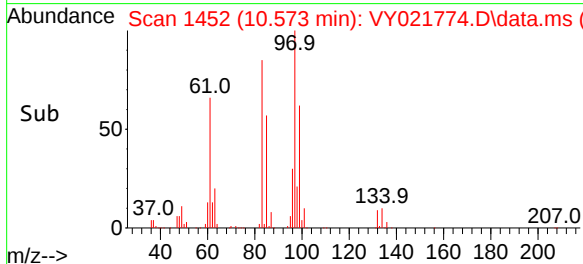
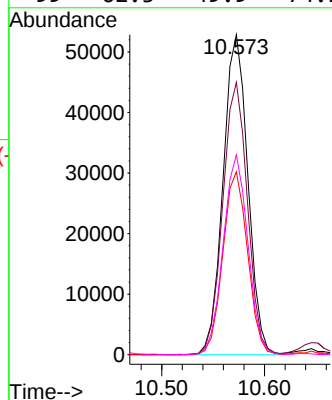
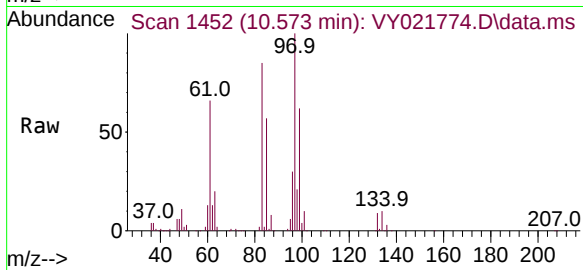
Ion Ratio Lower Upper

97 100

83 85.1 69.5 104.3

85 57.2 43.9 65.9

99 62.3 49.9 74.9



#56

Ethyl methacrylate

Concen: 50.120 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

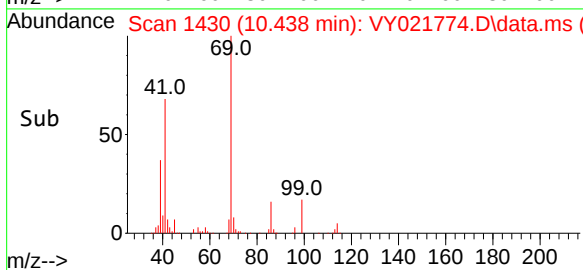
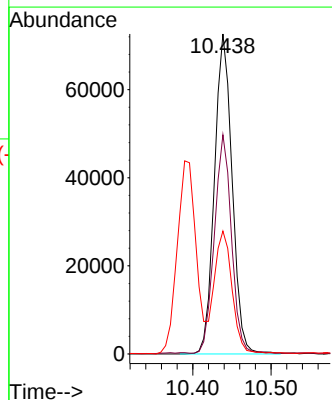
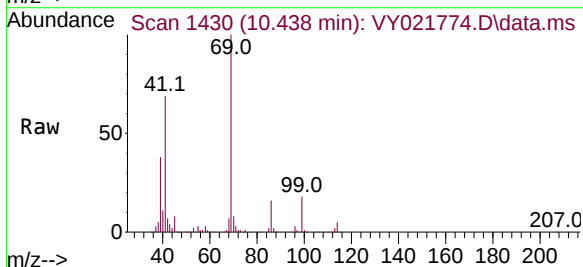
Tgt Ion: 69 Resp: 114026

Ion Ratio Lower Upper

69 100

41 65.9 53.8 80.6

39 38.9 29.6 44.4





#57

1,3-Dichloropropane

Concen: 49.759 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

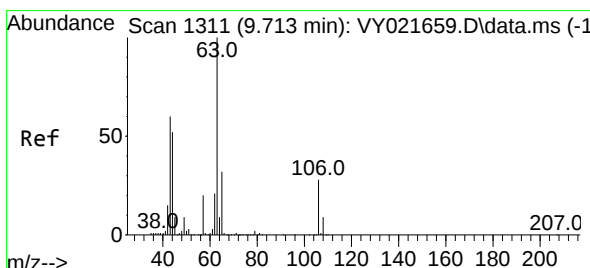
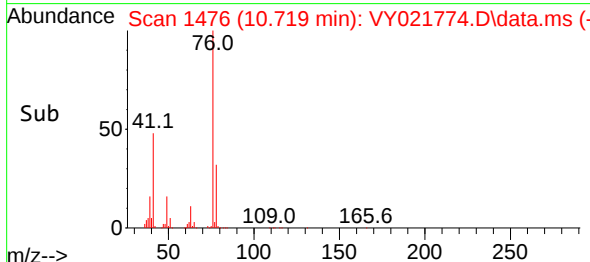
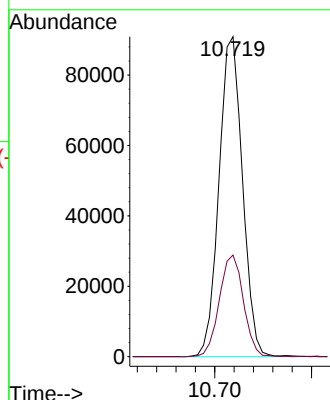
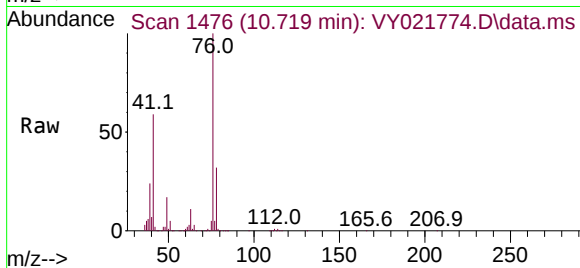
VSTDCCC050EC

Tgt Ion: 76 Resp: 153113

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 267.497 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021774.D

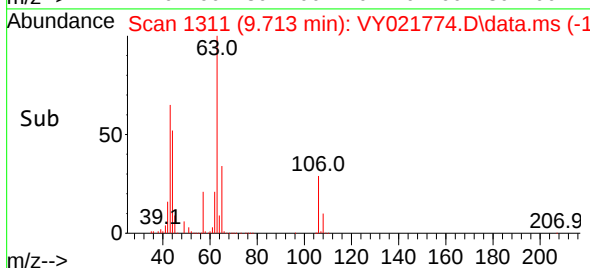
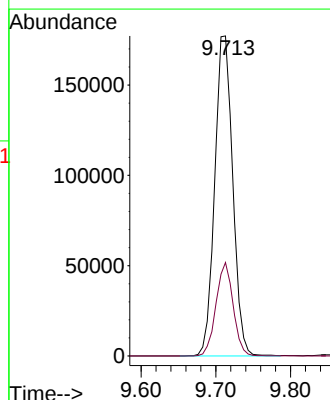
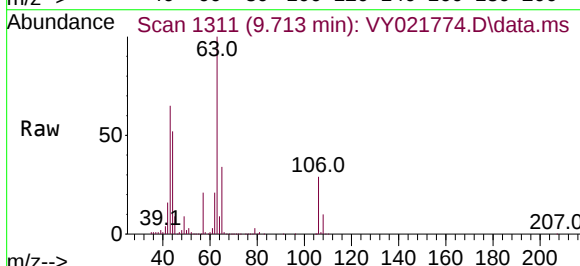
Acq: 03 Apr 2025 15:32

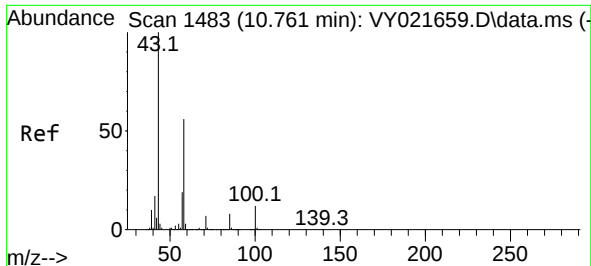
Tgt Ion: 63 Resp: 296879

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

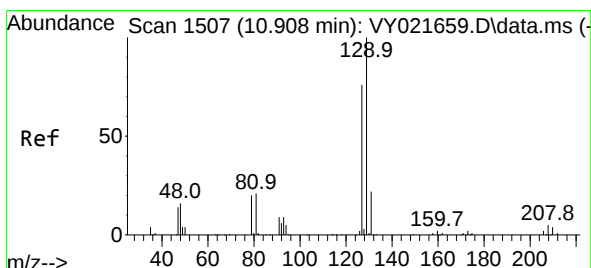
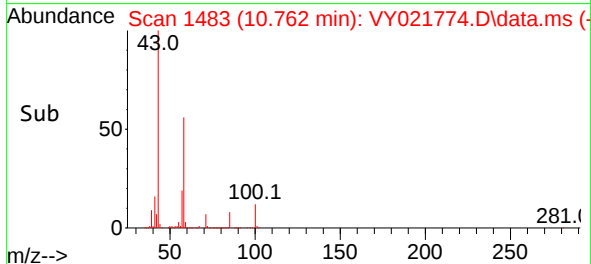
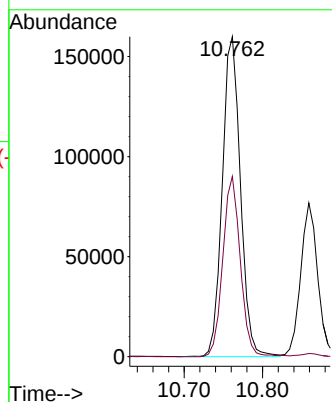
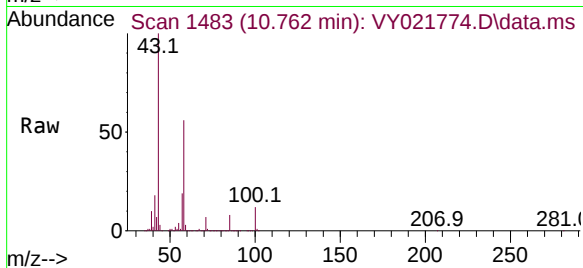




#59
2-Hexanone
Concen: 245.487 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

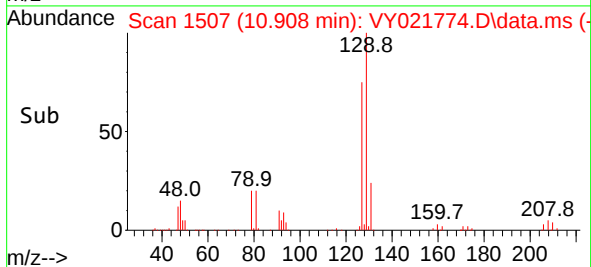
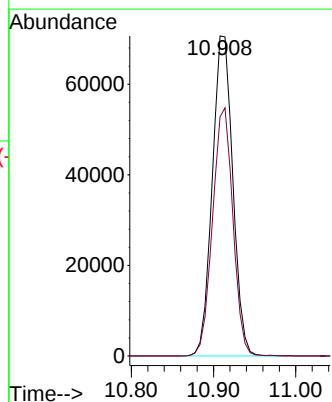
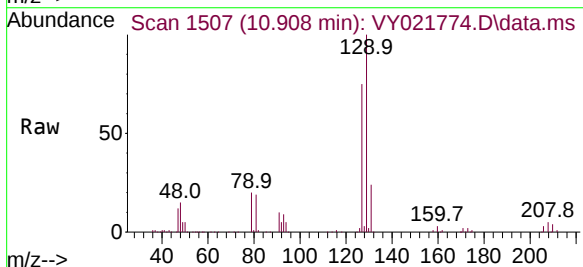
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

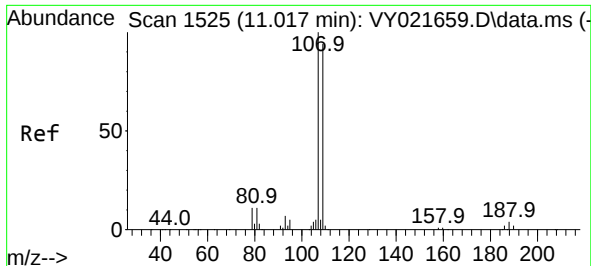
Tgt Ion: 43 Resp: 257873
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 50.410 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:129 Resp: 122629
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

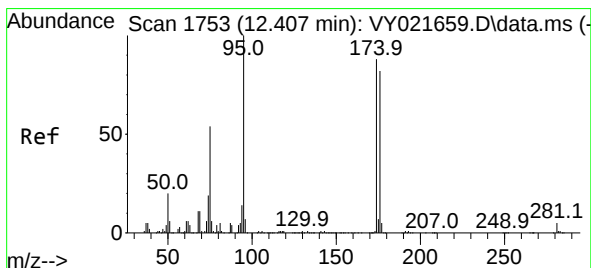
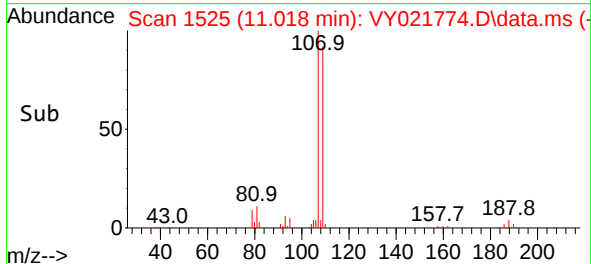
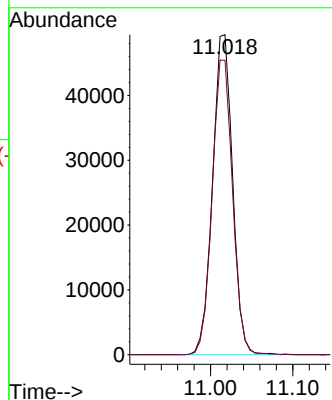
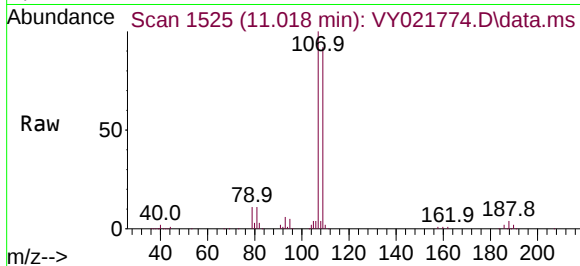




#61
1,2-Dibromoethane
Concen: 49.995 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

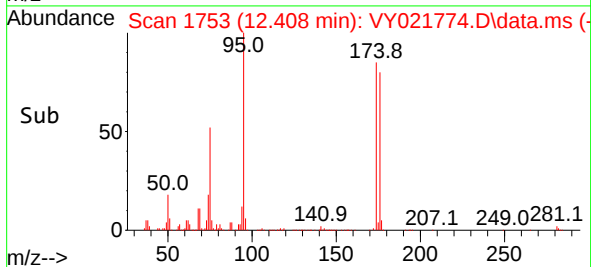
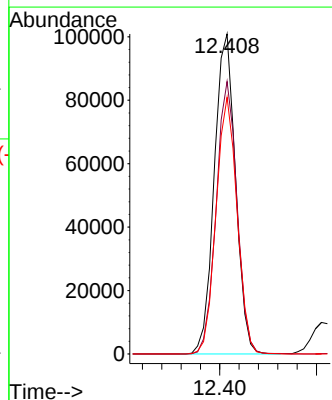
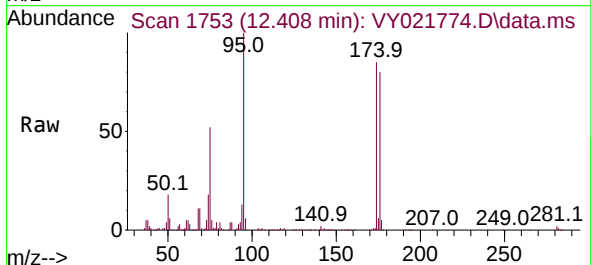
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

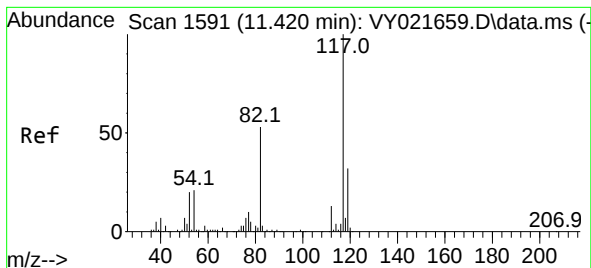
Tgt Ion:107 Resp: 83560
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 95 Resp: 153721
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 79.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

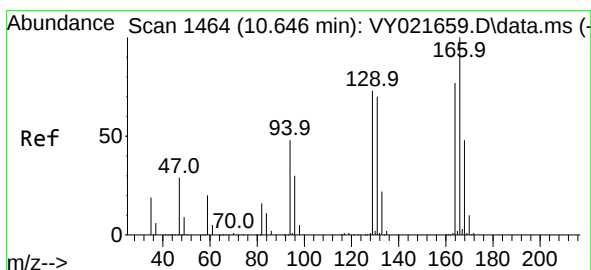
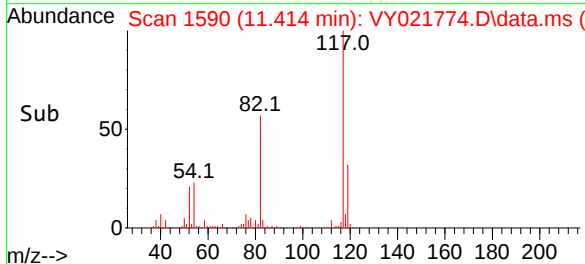
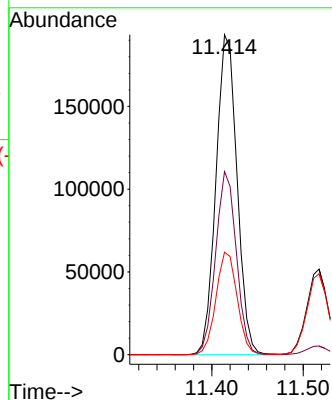
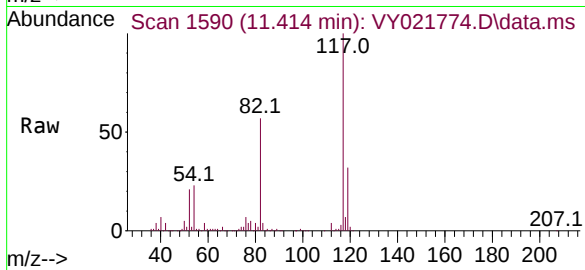
Tgt Ion:117 Resp: 310275

Ion Ratio Lower Upper

117 100

82 57.3 42.8 64.2

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 51.476 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Tgt Ion:164 Resp: 145467

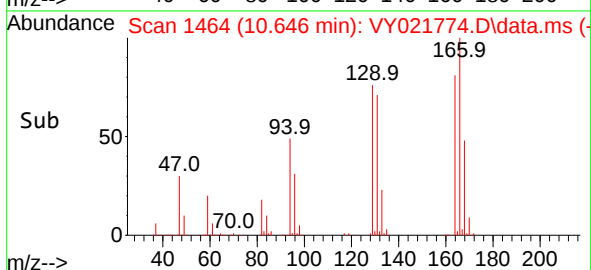
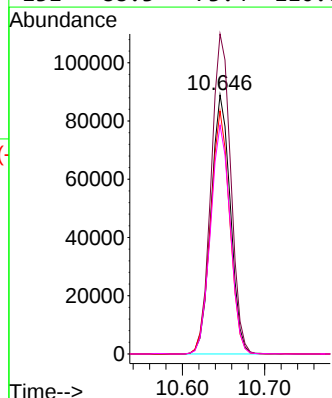
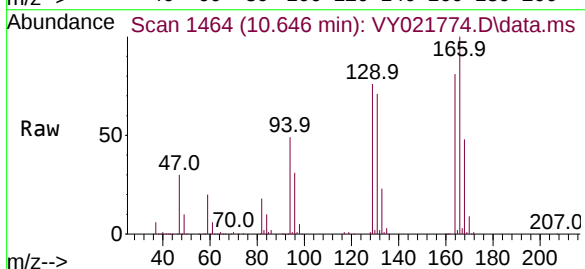
Ion Ratio Lower Upper

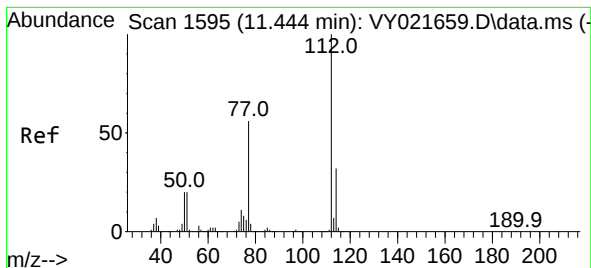
164 100

166 123.6 104.6 156.8

129 93.9 76.6 114.8

131 88.3 73.4 110.0

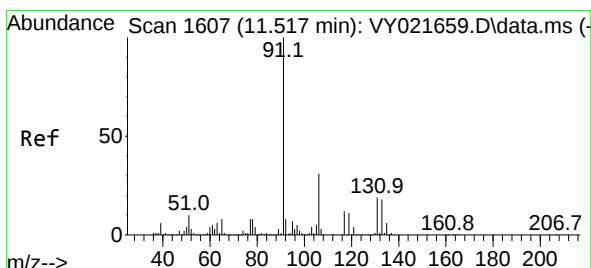
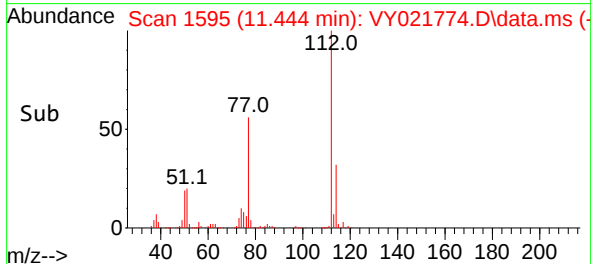
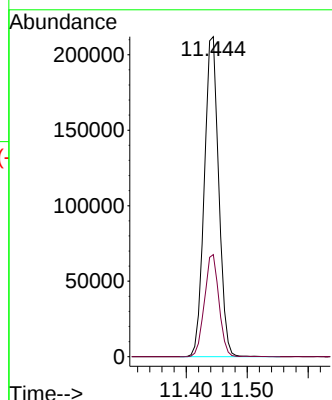
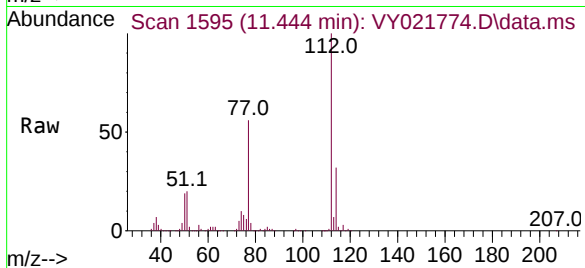




#65
Chlorobenzene
Concen: 48.969 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

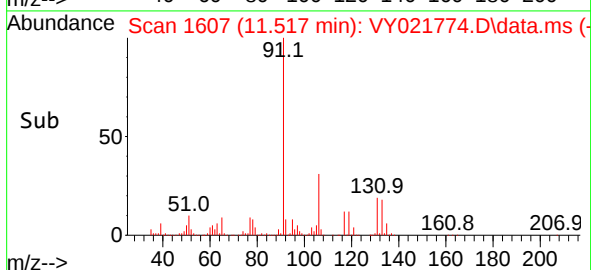
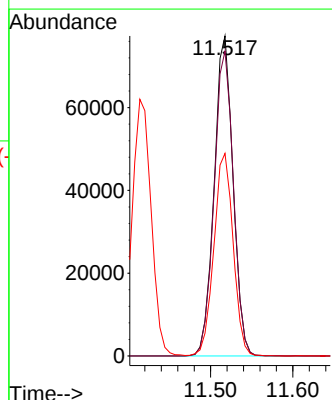
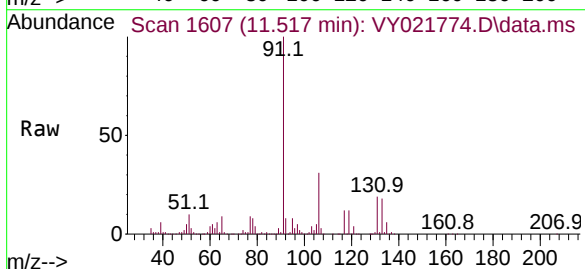
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

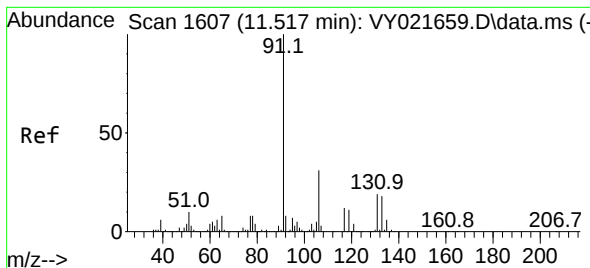
Tgt Ion:112 Resp: 348290
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.882 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:131 Resp: 123356
Ion Ratio Lower Upper
131 100
133 97.3 47.3 141.8
119 64.7 31.6 95.0





#67

Ethyl Benzene

Concen: 50.962 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

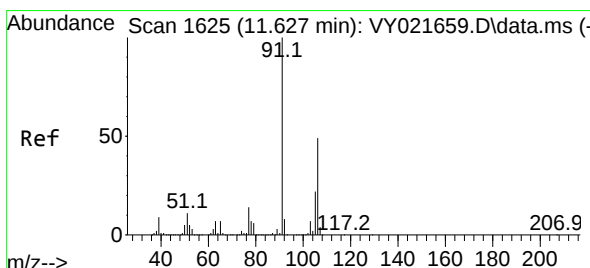
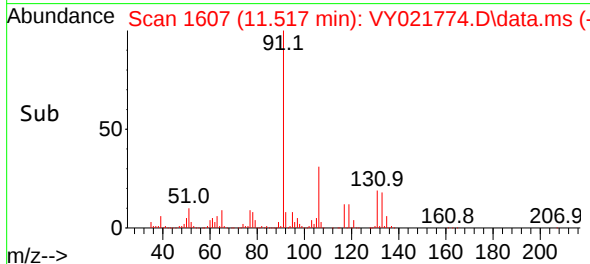
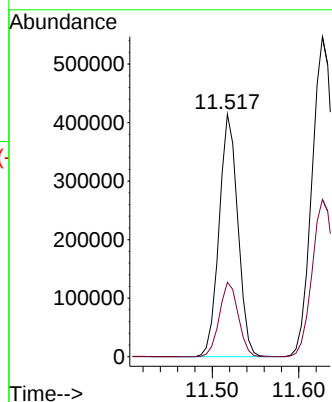
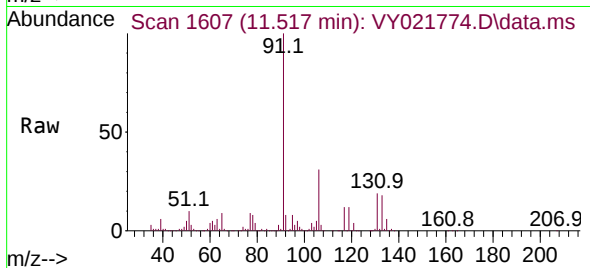
VSTDCCC050EC

Tgt Ion: 91 Resp: 621557

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 102.261 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021774.D

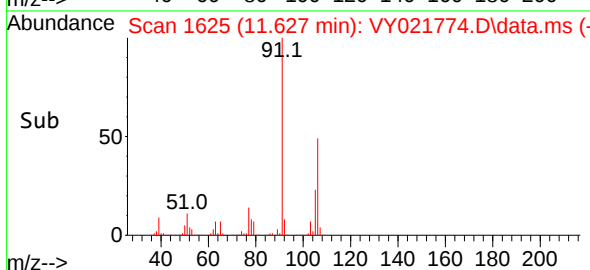
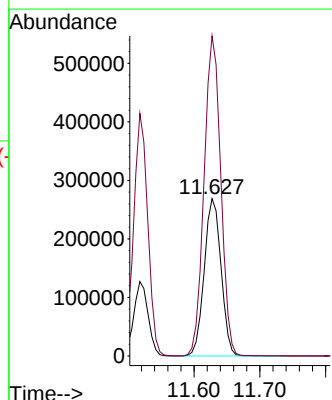
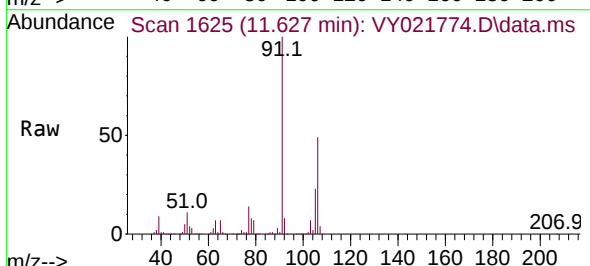
Acq: 03 Apr 2025 15:32

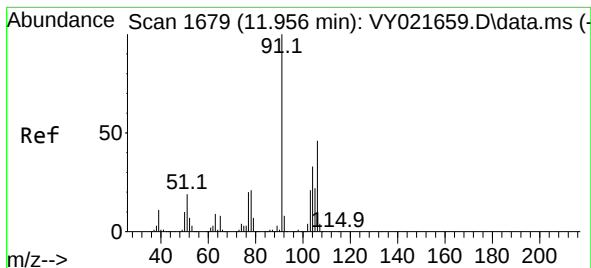
Tgt Ion: 106 Resp: 477594

Ion Ratio Lower Upper

106 100

91 202.3 162.4 243.6

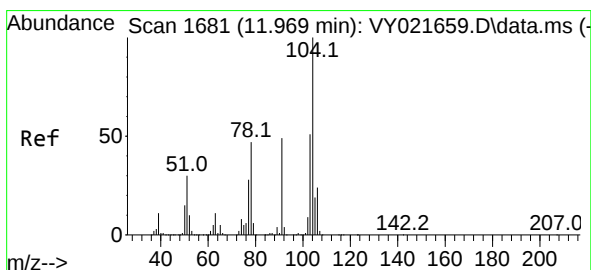
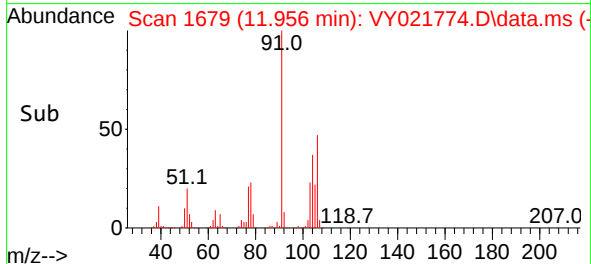
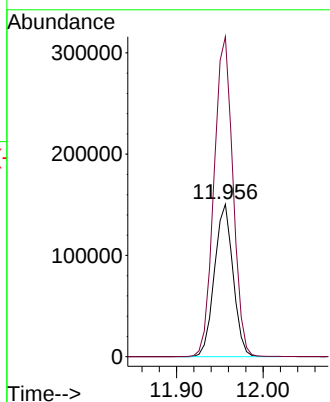
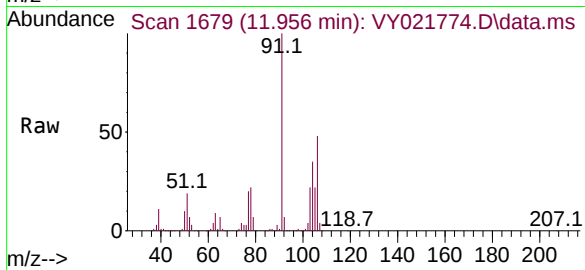




#69
o-Xylene
Concen: 52.072 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

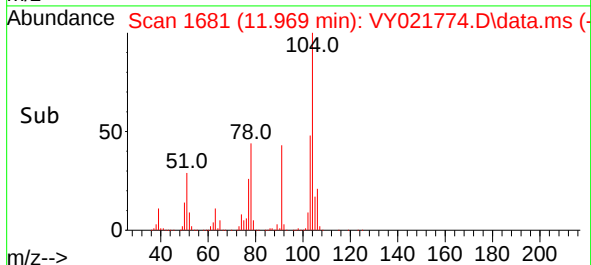
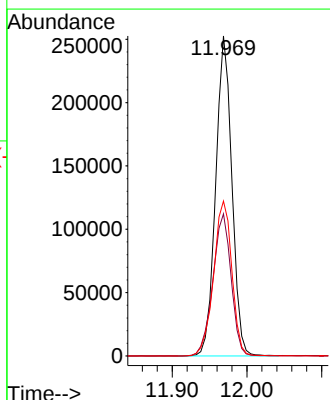
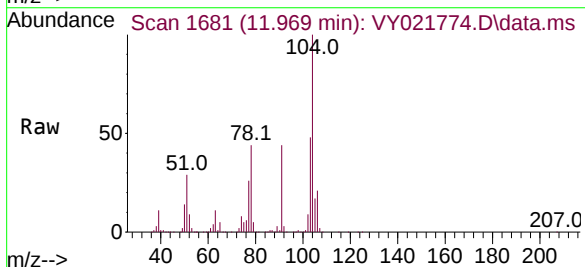
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

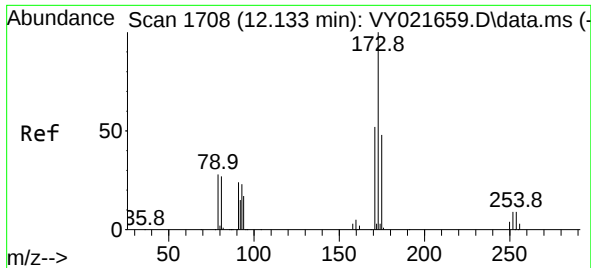
Tgt Ion:106 Resp: 224490
Ion Ratio Lower Upper
106 100
91 213.9 106.7 319.9



#70
Styrene
Concen: 53.132 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:104 Resp: 381914
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 54.5 44.2 66.2

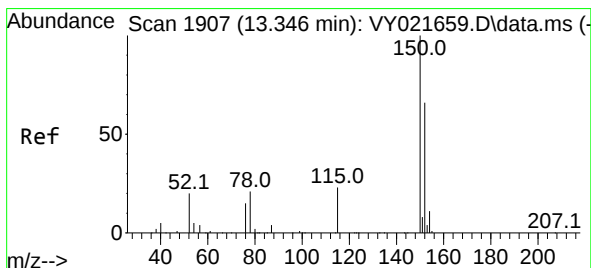
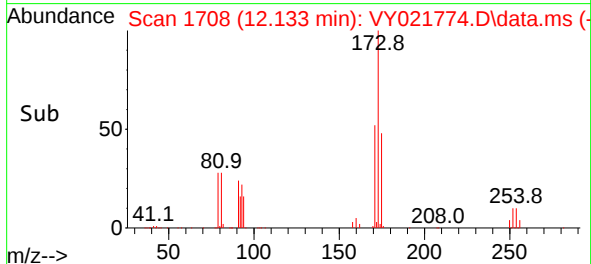
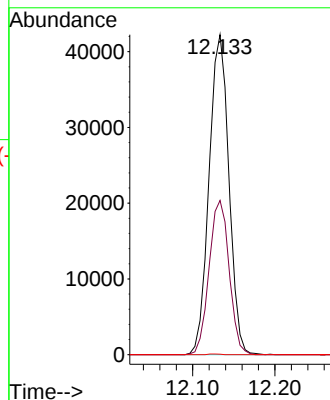
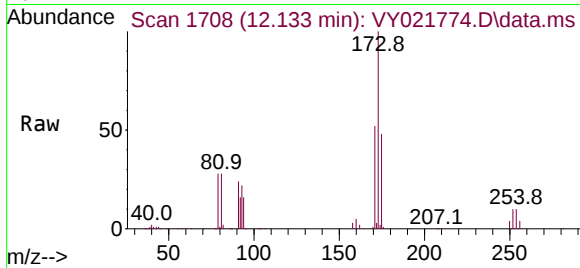




#71
Bromoform
Concen: 49.111 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

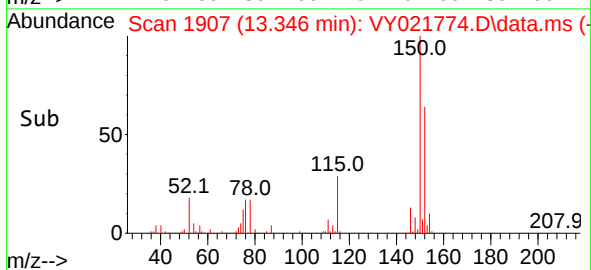
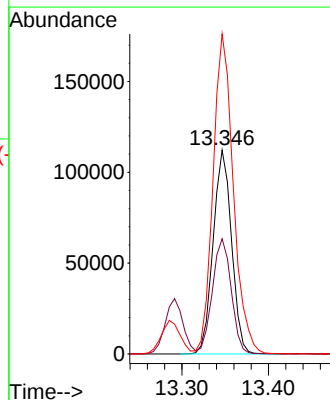
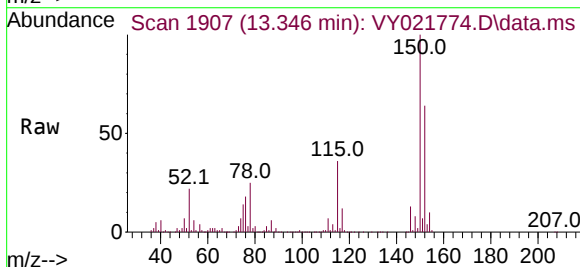
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

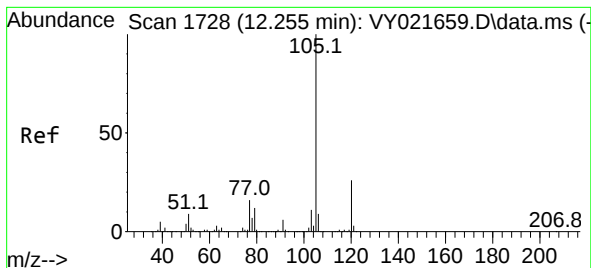
Tgt Ion:173 Resp: 70694
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:152 Resp: 165629
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 173.1 0.0 348.4





#73

Isopropylbenzene

Concen: 48.043 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

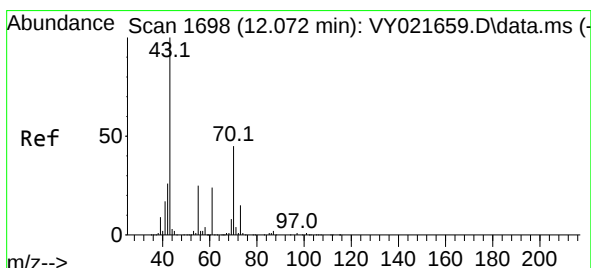
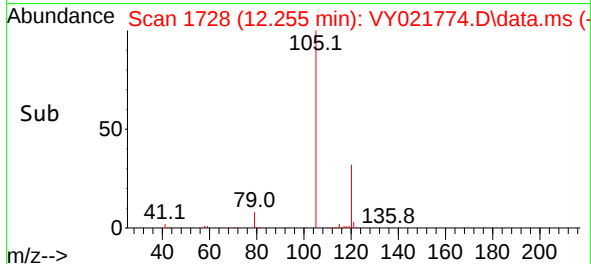
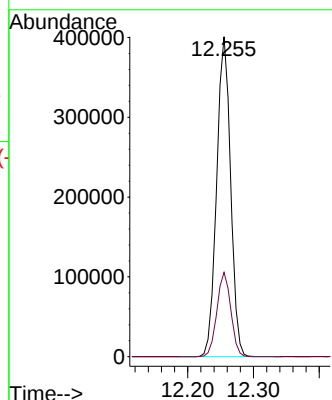
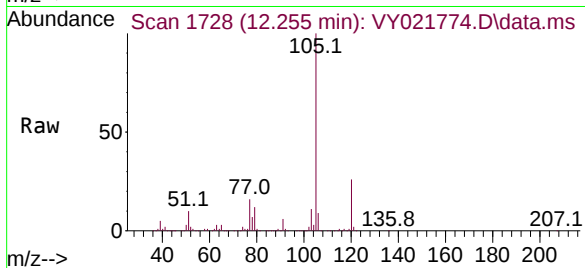
VSTDCCC050EC

Tgt Ion:105 Resp: 591014

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 45.167 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Tgt Ion: 43 Resp: 130404

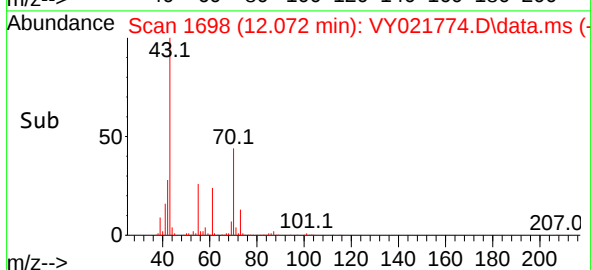
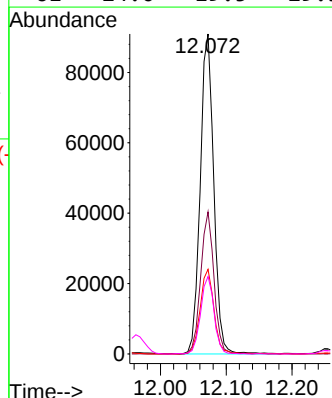
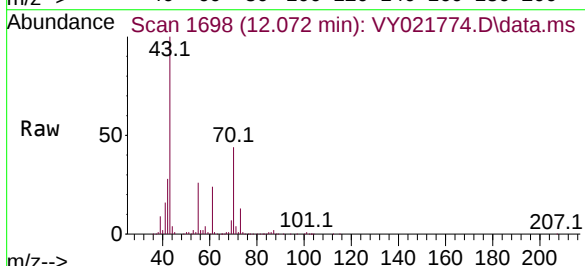
Ion Ratio Lower Upper

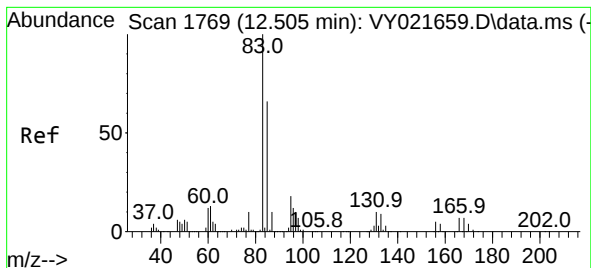
43 100

70 43.5 34.7 52.1

55 27.2 21.2 31.8

61 24.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.025 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

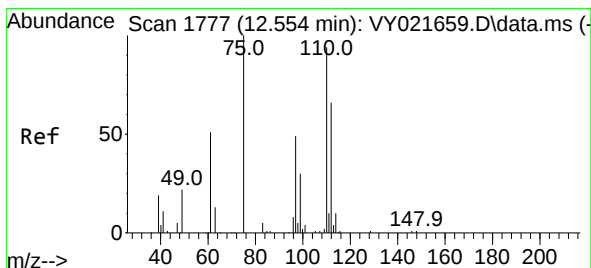
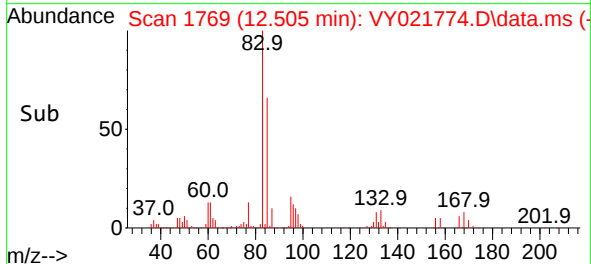
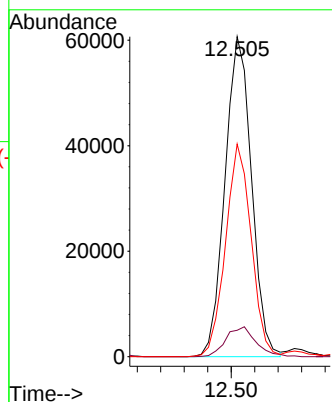
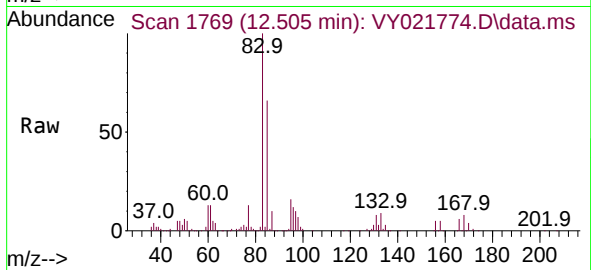
Tgt Ion: 83 Resp: 95160

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 80.375 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021774.D

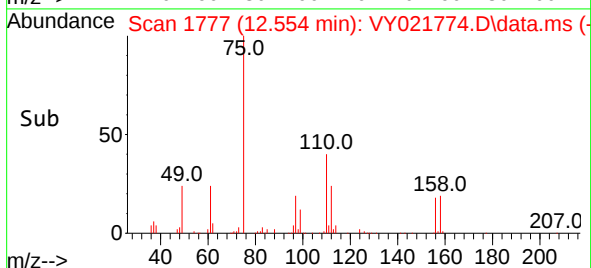
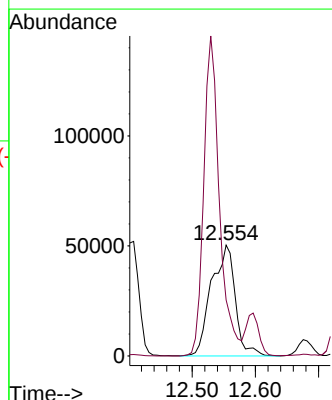
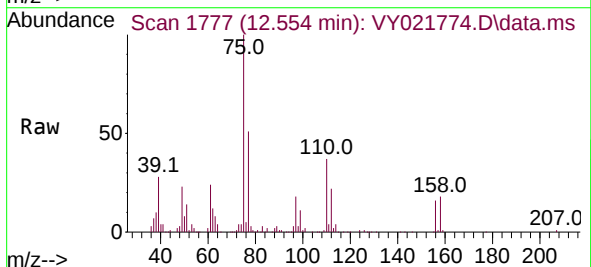
Acq: 03 Apr 2025 15:32

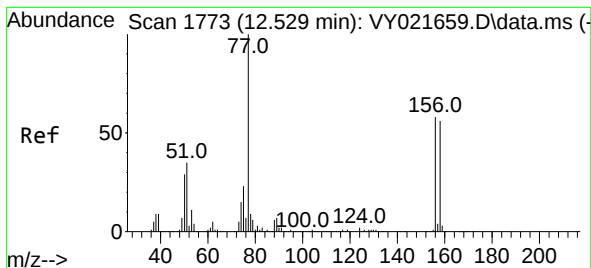
Tgt Ion: 75 Resp: 131961

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

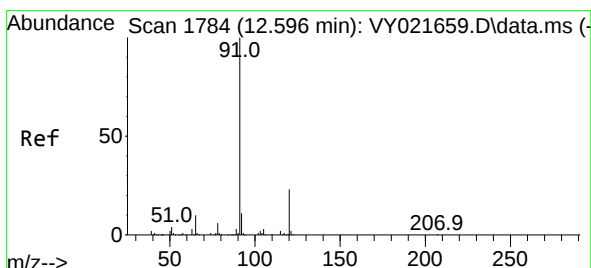
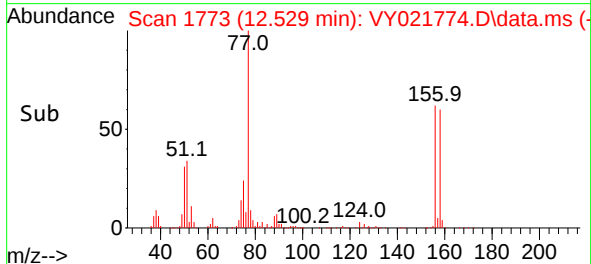
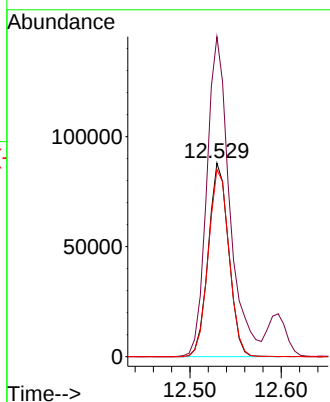
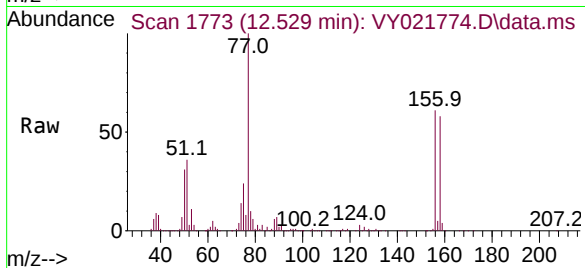




#77
Bromobenzene
Concen: 46.044 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

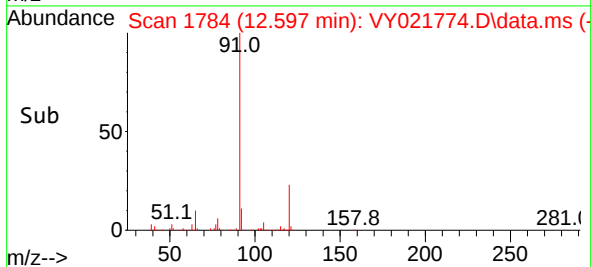
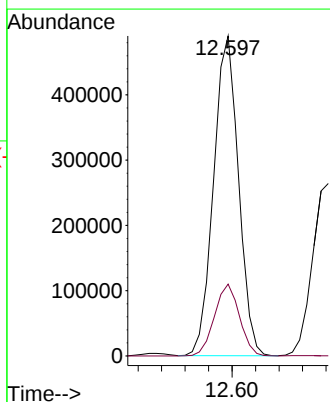
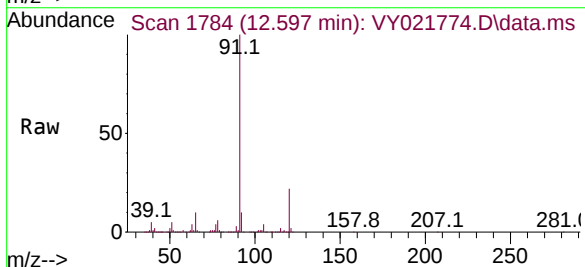
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

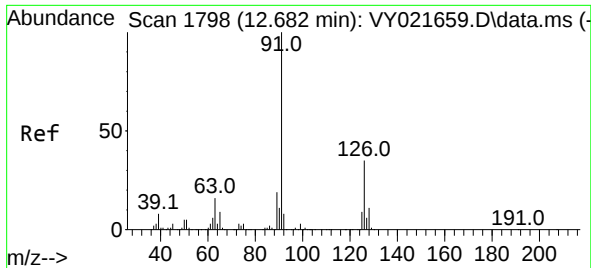
Tgt Ion:156 Resp: 135999
Ion Ratio Lower Upper
156 100
77 186.1 92.8 278.3
158 98.7 48.5 145.6



#78
n-propylbenzene
Concen: 48.790 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 91 Resp: 721589
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

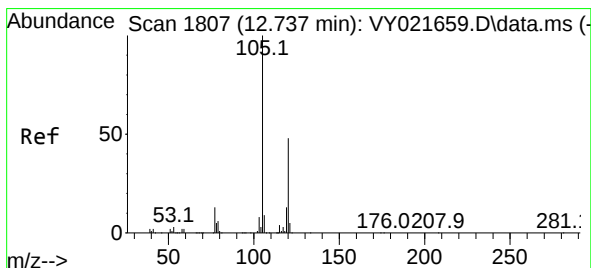
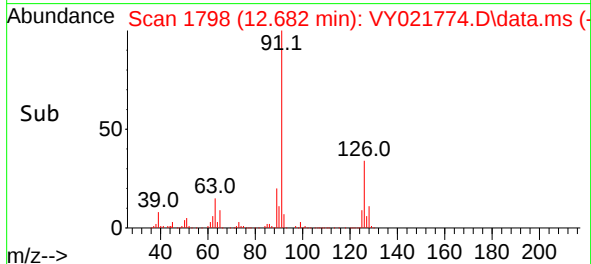
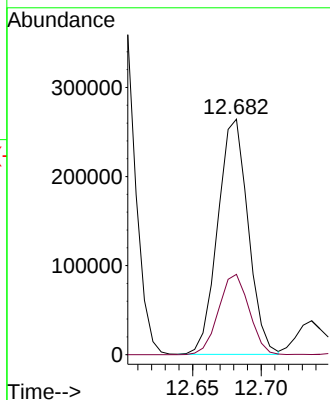
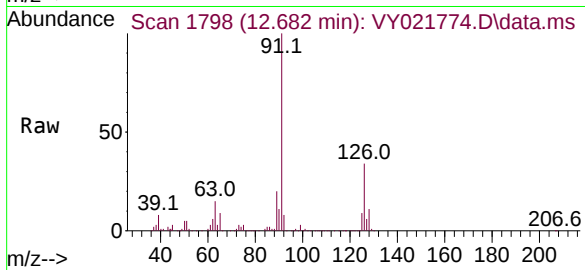




#79
2-Chlorotoluene
Concen: 47.523 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

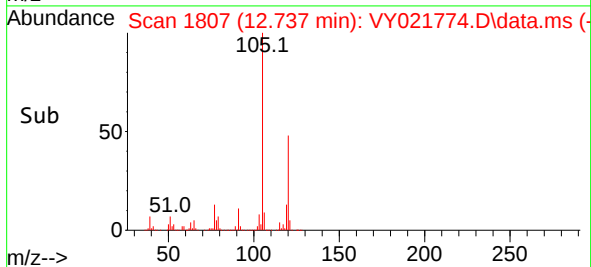
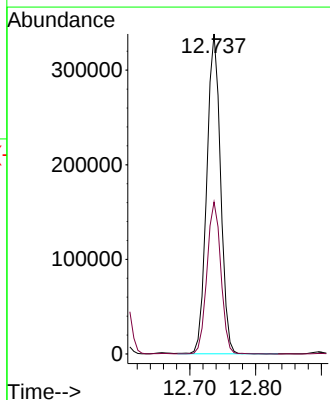
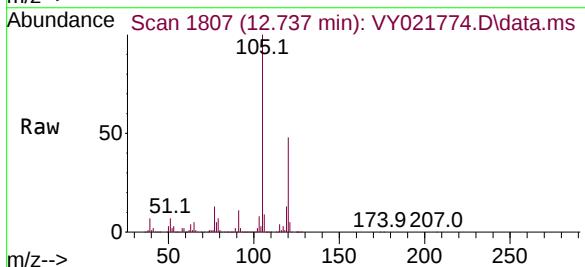
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

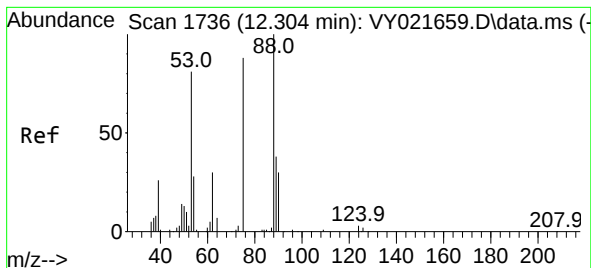
Tgt Ion: 91 Resp: 408230
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 48.991 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 105 Resp: 492564
Ion Ratio Lower Upper
105 100
120 48.0 24.5 73.5

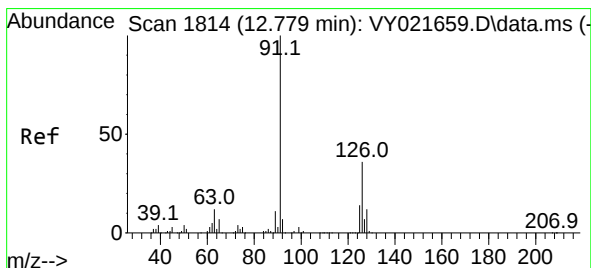
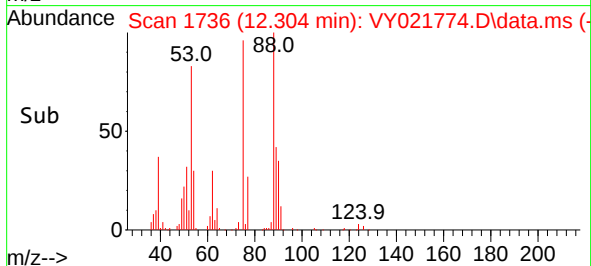
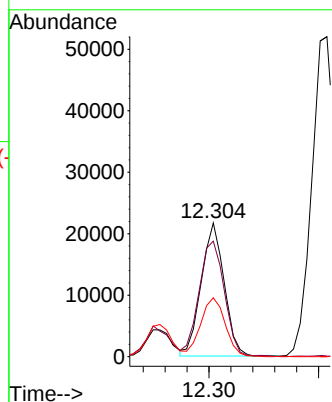
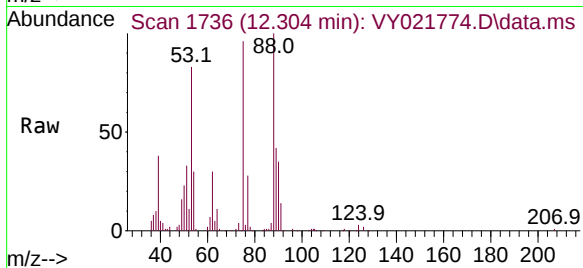




#81
trans-1,4-Dichloro-2-butene
Concen: 44.125 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

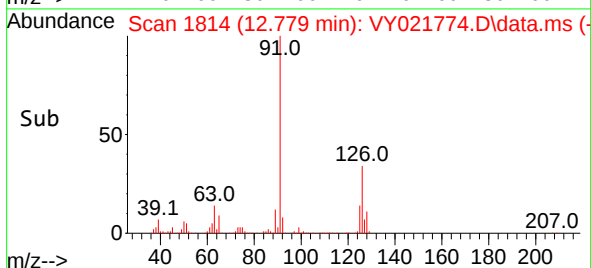
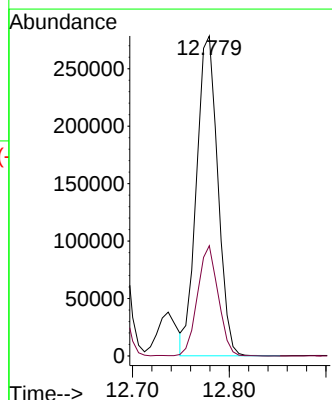
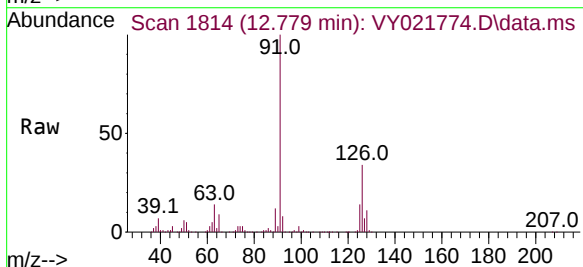
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

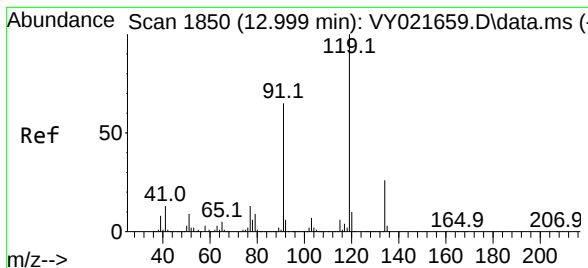
Tgt Ion: 75 Resp: 31441
Ion Ratio Lower Upper
75 100
53 97.0 76.1 114.1
89 47.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 47.606 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion: 91 Resp: 426342
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9

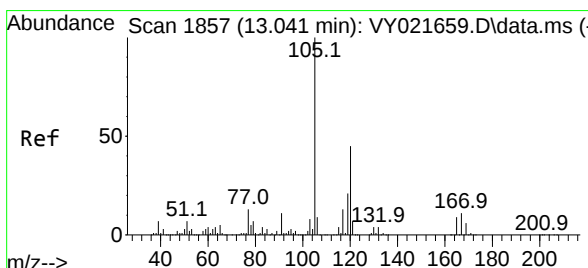
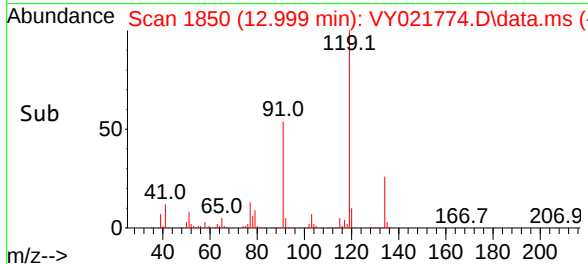
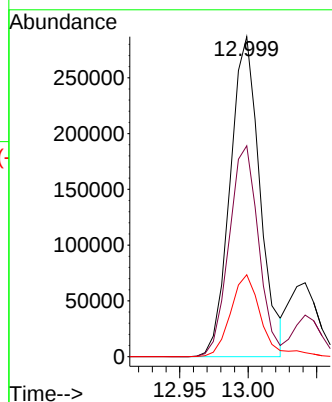
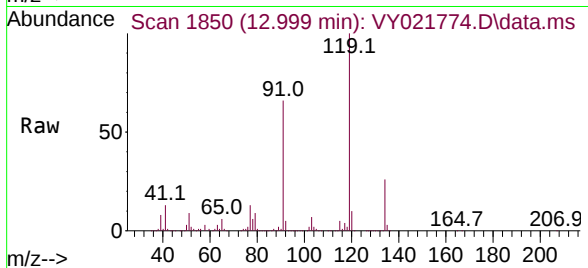




#83
tert-Butylbenzene
Concen: 48.526 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

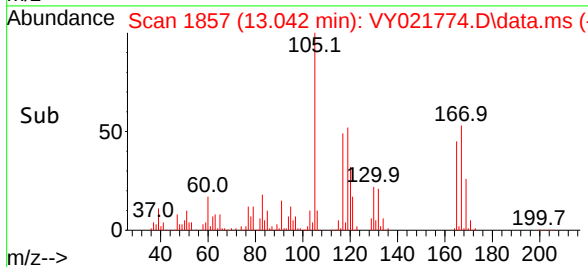
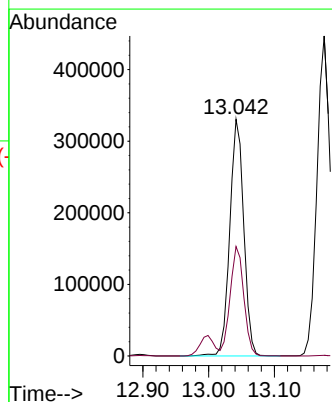
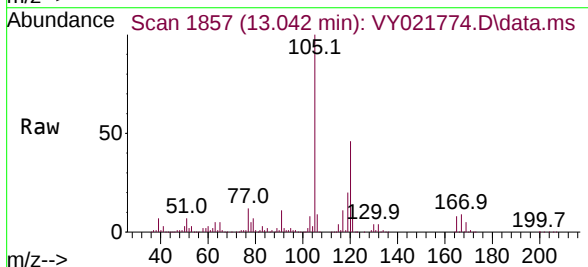
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

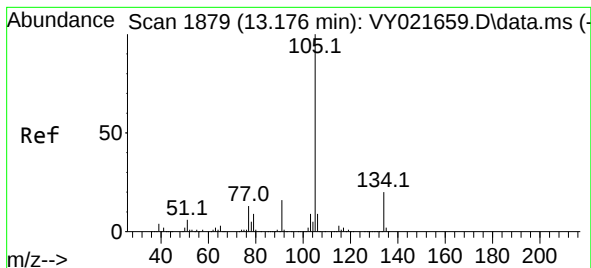
Tgt Ion:119 Resp: 434565
Ion Ratio Lower Upper
119 100
91 65.3 32.6 97.7
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.115 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:105 Resp: 488062
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.762 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

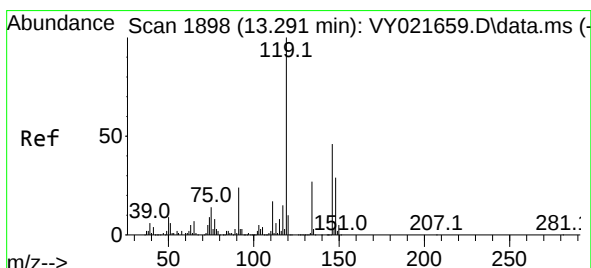
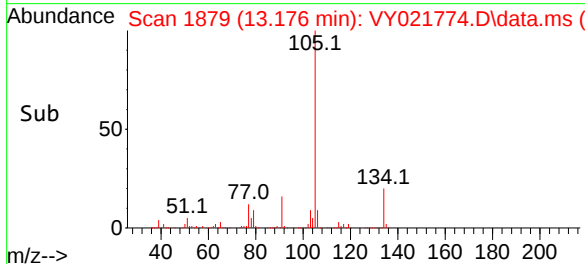
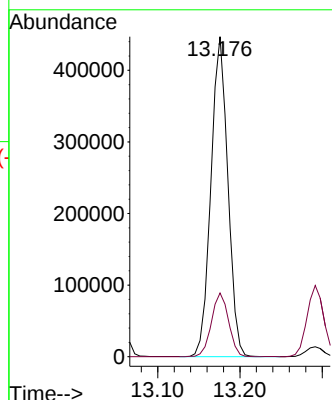
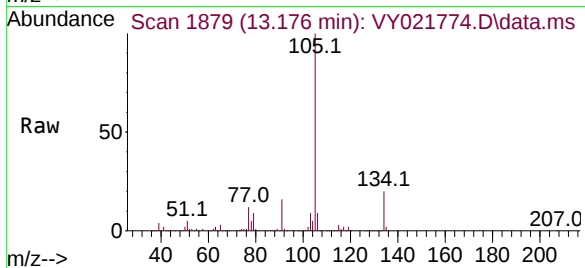
VSTDCCC050EC

Tgt Ion:105 Resp: 638166

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.600 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

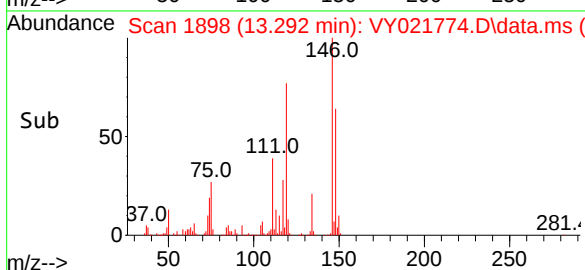
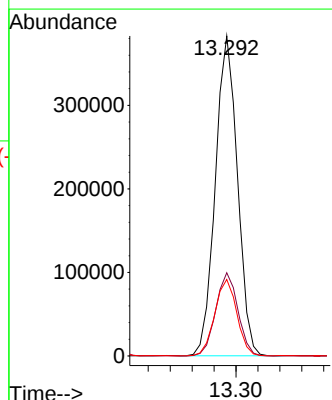
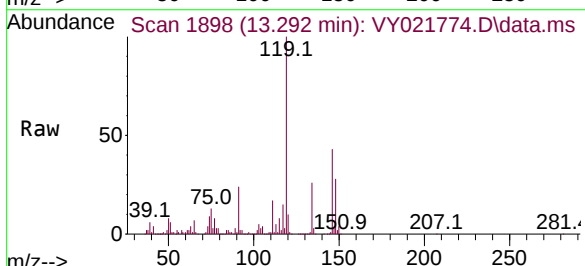
Tgt Ion:119 Resp: 536501

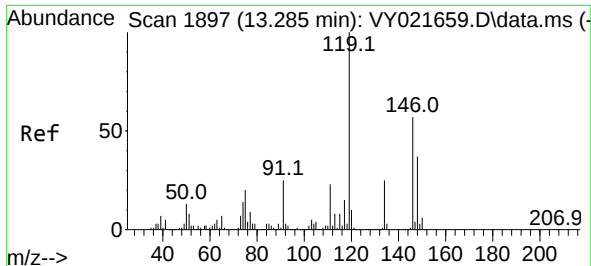
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 23.8 12.0 36.0

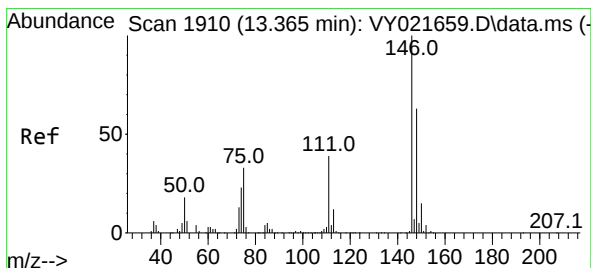
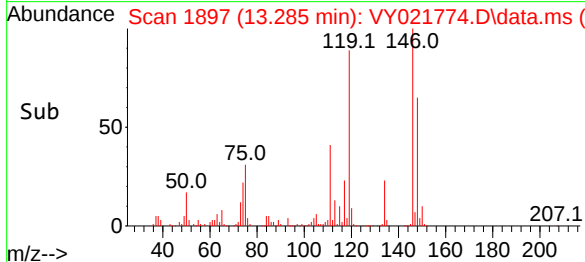
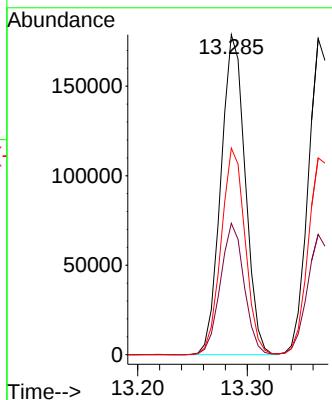
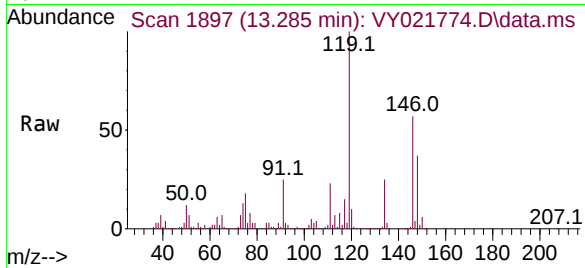




#87
1,3-Dichlorobenzene
Concen: 47.325 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

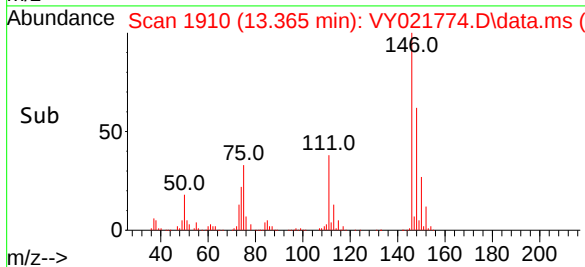
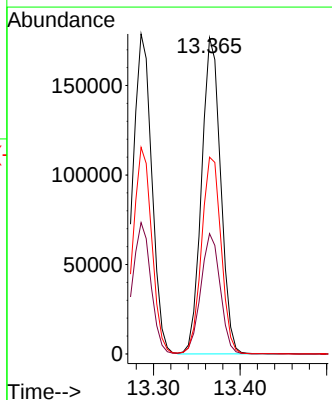
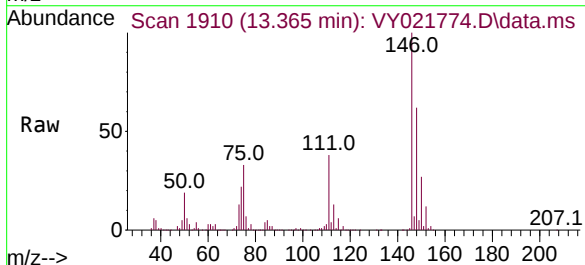
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

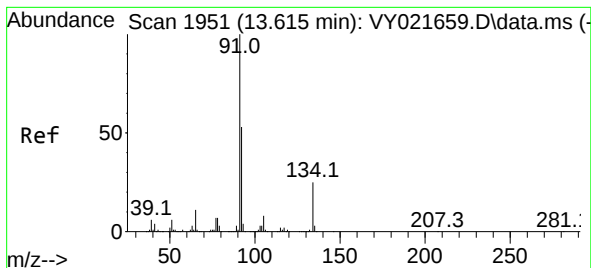
Tgt Ion:146 Resp: 275395
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 47.056 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021774.D
Acq: 03 Apr 2025 15:32

Tgt Ion:146 Resp: 270546
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 49.633 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

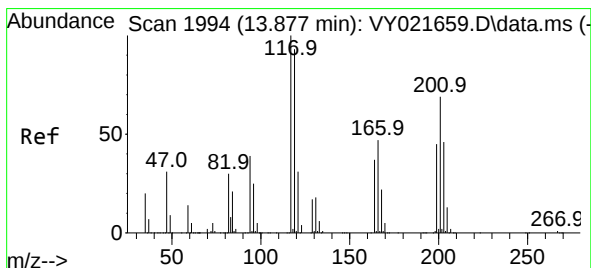
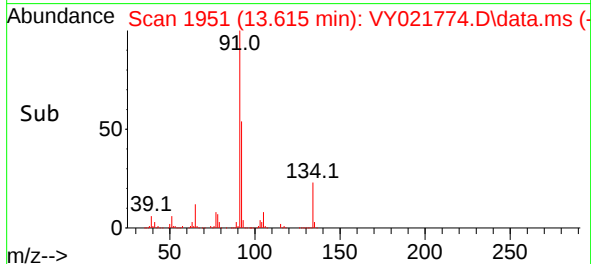
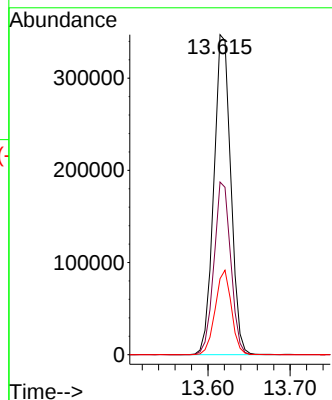
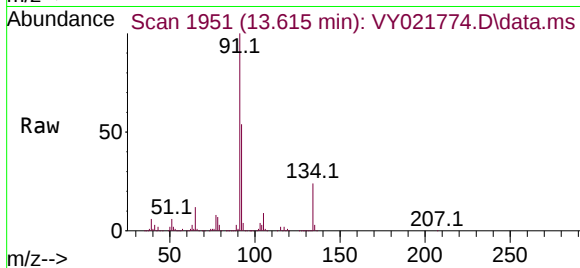
Tgt Ion: 91 Resp: 496501

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.2

134 25.3 12.8 38.4



#90

Hexachloroethane

Concen: 47.044 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021774.D

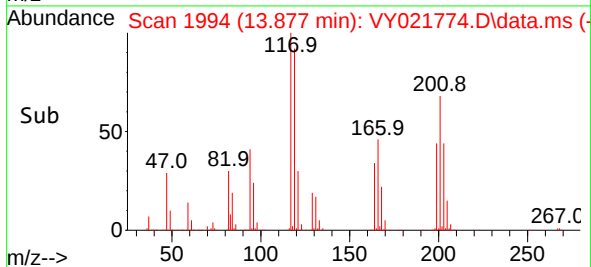
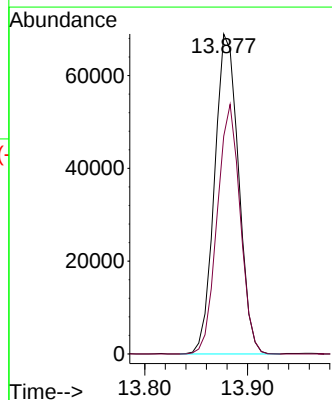
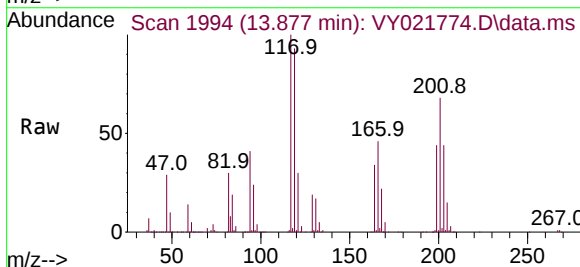
Acq: 03 Apr 2025 15:32

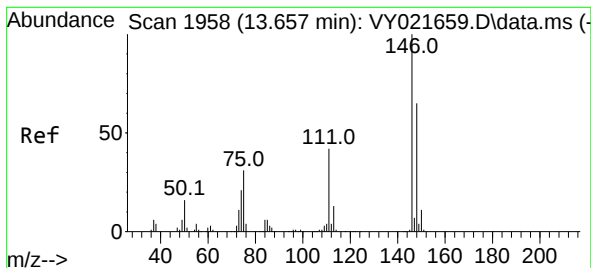
Tgt Ion: 117 Resp: 111511

Ion Ratio Lower Upper

117 100

201 74.8 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 47.385 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

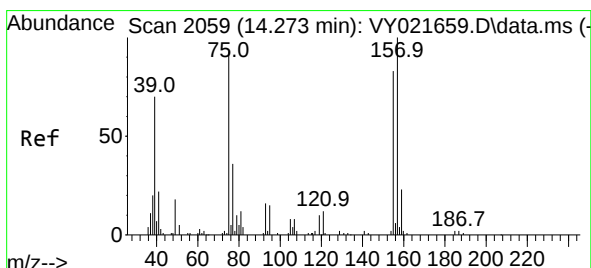
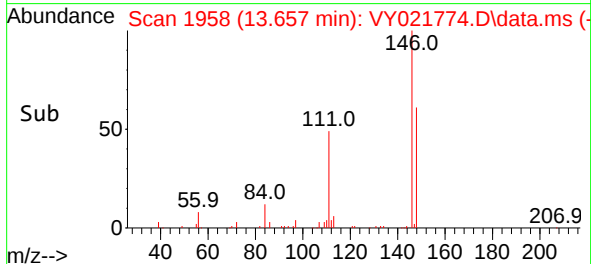
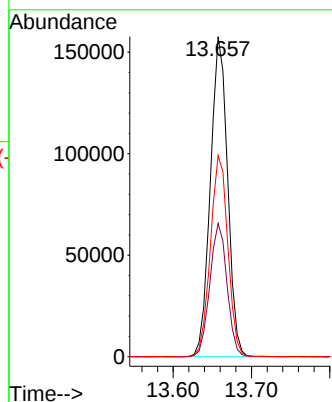
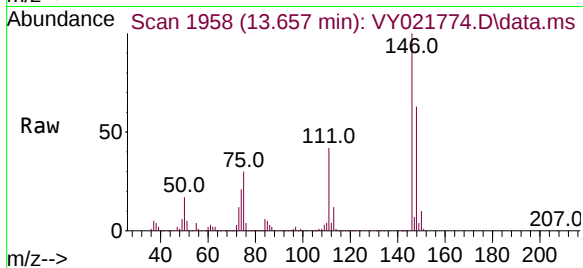
Tgt Ion:146 Resp: 240041

Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

148 63.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.961 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

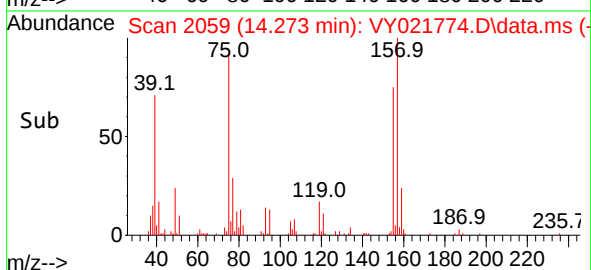
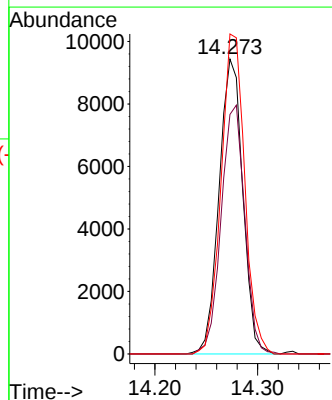
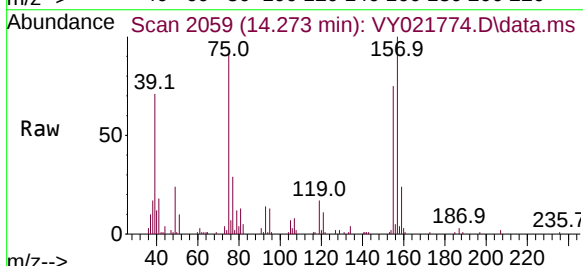
Tgt Ion: 75 Resp: 15070

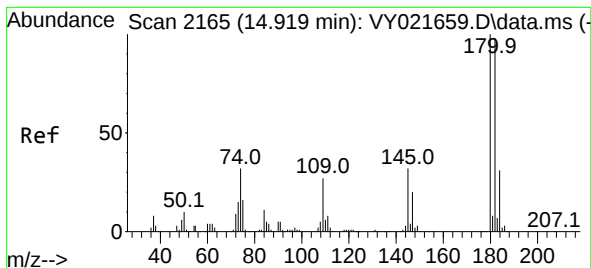
Ion Ratio Lower Upper

75 100

155 83.9 43.0 128.8

157 108.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.198 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

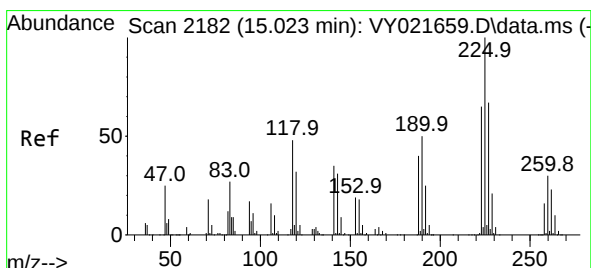
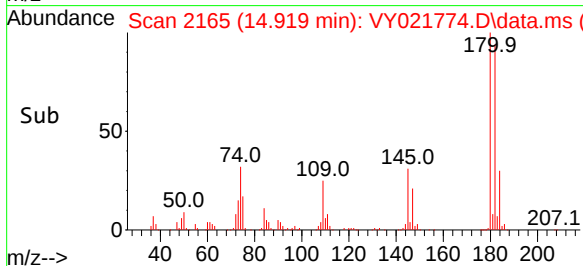
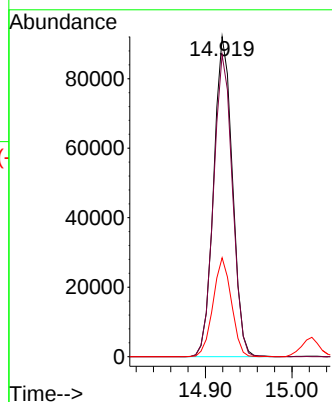
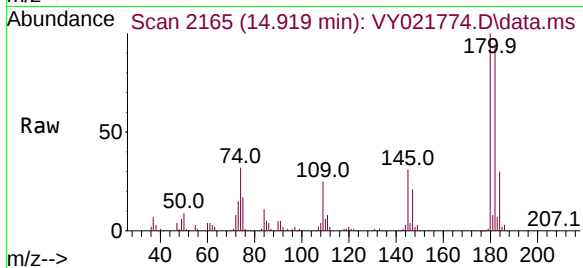
Tgt Ion:180 Resp: 137900

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.6

145 30.3 14.9 44.9



#94

Hexachlorobutadiene

Concen: 48.847 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

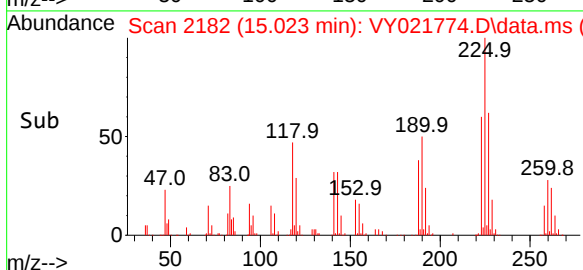
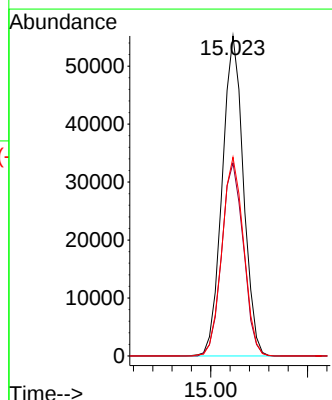
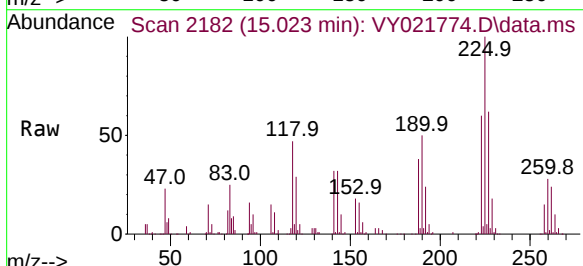
Tgt Ion:225 Resp: 83805

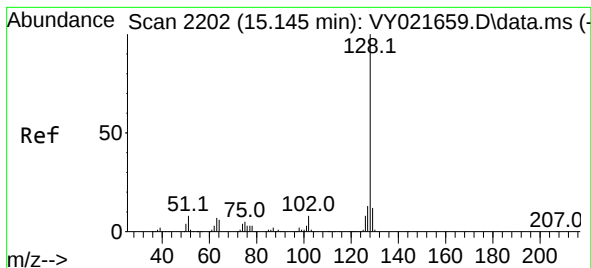
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.7

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 50.090 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

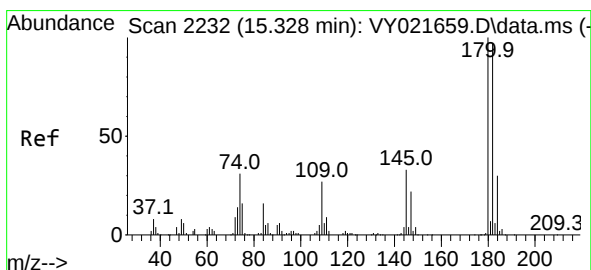
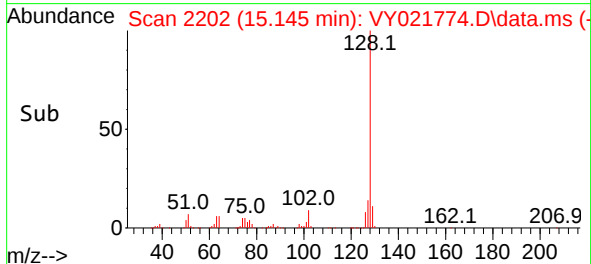
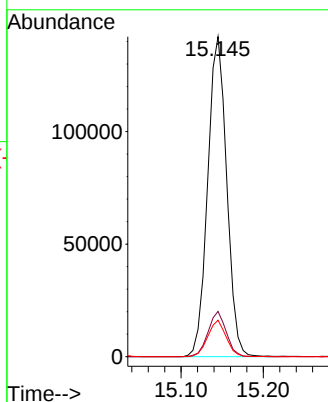
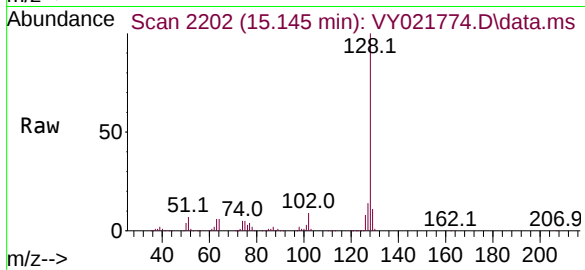
Tgt Ion:128 Resp: 228086

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.512 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021774.D

Acq: 03 Apr 2025 15:32

Tgt Ion:180 Resp: 118329

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 31.9 15.9 47.7

