

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021373.D
 Acq On : 27 Feb 2025 21:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 28 00:45:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	164048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	277373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	253471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97659	52.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.960%	
35) Dibromofluoromethane	7.634	113	87146	47.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.840%	
50) Toluene-d8	10.103	98	323409	46.018	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.040%	
62) 4-Bromofluorobenzene	12.401	95	110786	46.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	76460	49.159	ug/l	100
3) Chloromethane	2.068	50	106692	53.115	ug/l	98
4) Vinyl Chloride	2.202	62	110217	55.902	ug/l	98
5) Bromomethane	2.592	94	76017	58.021	ug/l	100
6) Chloroethane	2.732	64	73418	60.049	ug/l	95
7) Trichlorofluoromethane	3.056	101	160295	53.835	ug/l	98
8) Diethyl Ether	3.452	74	54124	60.563	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	87554	50.789	ug/l	98
10) Methyl Iodide	4.000	142	116511	64.242	ug/l	100
11) Tert butyl alcohol	4.848	59	38259	267.277	ug/l	99
12) 1,1-Dichloroethene	3.787	96	89071	53.962	ug/l	97
13) Acrolein	3.647	56	3673	33.485	ug/l	99
14) Allyl chloride	4.378	41	152407	52.078	ug/l	97
15) Acrylonitrile	5.055	53	120993	306.214	ug/l	99
16) Acetone	3.866	43	99302	278.173	ug/l	98
17) Carbon Disulfide	4.104	76	291364	53.158	ug/l	99
18) Methyl Acetate	4.385	43	58945	67.566	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	271378	62.228	ug/l	99
20) Methylene Chloride	4.610	84	106412	55.125	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	102907	56.633	ug/l	98
22) Diisopropyl ether	6.018	45	355935	58.775	ug/l	98
23) Vinyl Acetate	5.957	43	1049214	289.929	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197924	57.987	ug/l	99
25) 2-Butanone	6.890	43	158717	294.593	ug/l	97
26) 2,2-Dichloropropane	6.878	77	120707	38.974	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	122529	59.051	ug/l	95
28) Bromochloromethane	7.244	49	82742	54.785	ug/l	98
29) Tetrahydrofuran	7.262	42	108144	307.084	ug/l	99
30) Chloroform	7.421	83	207288	59.934	ug/l	98
31) Cyclohexane	7.701	56	153746	46.859	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	175189	55.649	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136482	49.965	ug/l	100
37) Ethyl Acetate	6.982	43	76669	56.426	ug/l	99
38) Carbon Tetrachloride	7.817	117	155267	50.561	ug/l	100
39) Methylcyclohexane	9.109	83	161976	46.883	ug/l	99
40) Benzene	8.079	78	435809	53.972	ug/l	99

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 MSVOA_Y
 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	35667	46.949	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	134116	58.542	ug/l	99
43) Isopropyl Acetate	8.195	43	149338	56.783	ug/l	99
44) Trichloroethene	8.865	130	107062	52.959	ug/l	96
45) 1,2-Dichloropropane	9.140	63	105572	54.329	ug/l	99
46) Dibromomethane	9.231	93	62012	58.381	ug/l	99
47) Bromodichloromethane	9.420	83	161420	56.995	ug/l	99
48) Methyl methacrylate	9.219	41	70130	57.023	ug/l	92
49) 1,4-Dioxane	9.225	88	14259	1207.299	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	395179	293.536	ug/l	100
52) Toluene	10.170	92	276614	55.144	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	137017	52.804	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	157865	51.534	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	80047	57.848	ug/l	96
56) Ethyl methacrylate	10.438	69	115118	60.208	ug/l	99
57) 1,3-Dichloropropane	10.713	76	140574	57.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	263051	286.633	ug/l	98
59) 2-Hexanone	10.761	43	264505	299.159	ug/l	99
60) Dibromochloromethane	10.908	129	111175	58.992	ug/l	100
61) 1,2-Dibromoethane	11.011	107	76053	58.055	ug/l	98
64) Tetrachloroethene	10.646	164	98974	51.661	ug/l	99
65) Chlorobenzene	11.438	112	301732	53.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	108490	54.455	ug/l	100
67) Ethyl Benzene	11.517	91	523714	51.965	ug/l	100
68) m/p-Xylenes	11.627	106	394475	104.062	ug/l	99
69) o-Xylene	11.950	106	189722	53.424	ug/l	99
70) Styrene	11.969	104	327351	55.403	ug/l	100
71) Bromoform	12.133	173	65336	57.325	ug/l #	99
73) Isopropylbenzene	12.255	105	485525	50.633	ug/l	100
74) N-amyl acetate	12.066	43	132748	54.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	92203	54.482	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	117143	91.754	ug/l #	100
77) Bromobenzene	12.529	156	121531	54.489	ug/l	98
78) n-propylbenzene	12.590	91	580348	49.874	ug/l	99
79) 2-Chlorotoluene	12.676	91	345034	51.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	404844	51.476	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25247	43.953	ug/l	95
82) 4-Chlorotoluene	12.773	91	354201	51.166	ug/l	99
83) tert-Butylbenzene	12.999	119	362857	51.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	411310	52.585	ug/l	100
85) sec-Butylbenzene	13.176	105	508019	48.956	ug/l	100
86) p-Isopropyltoluene	13.291	119	431010	49.742	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	231798	52.538	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	228312	52.383	ug/l	100
89) n-Butylbenzene	13.615	91	389088	47.717	ug/l	100
90) Hexachloroethane	13.877	117	90928	50.238	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	208959	54.058	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15230	56.889	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	125550	53.216	ug/l	98
94) Hexachlorobutadiene	15.023	225	72801	49.014	ug/l	98
95) Naphthalene	15.145	128	233022	59.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	112571	56.474	ug/l	98

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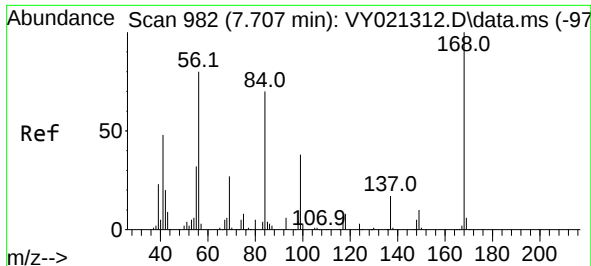
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QLast Update : Wed Feb 26 02:09:13 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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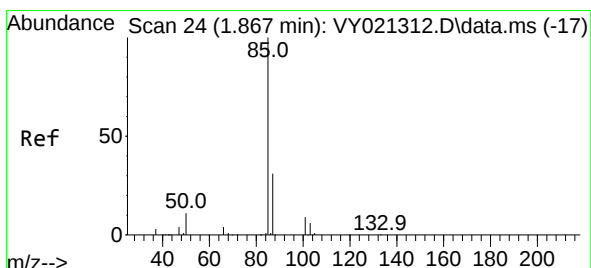
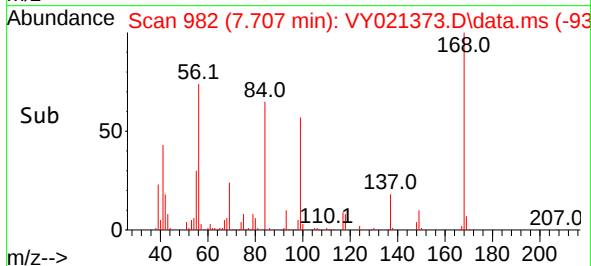
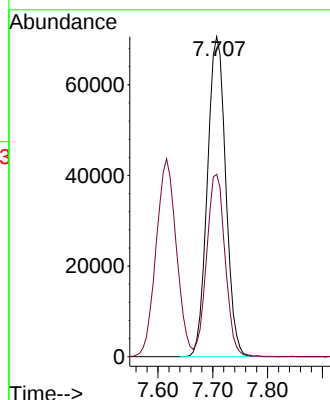
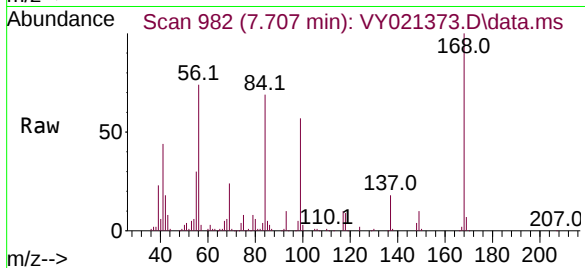




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021373.D
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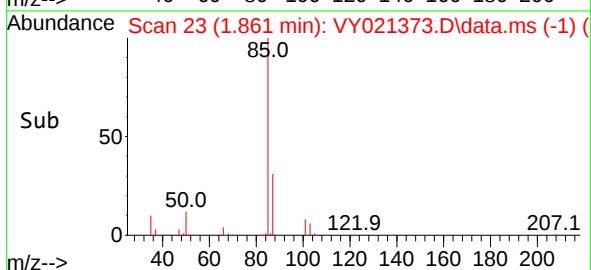
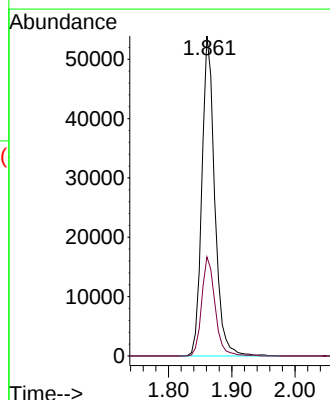
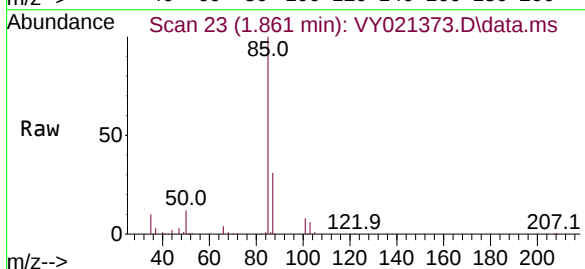
Instrument :
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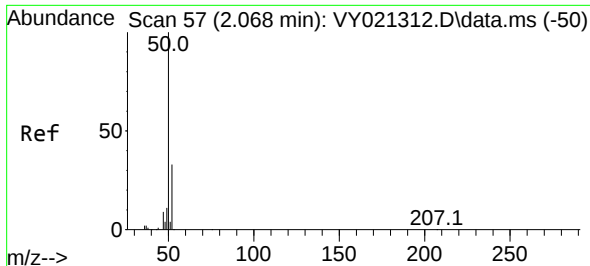
Tgt Ion:168 Resp: 164048
Ion Ratio Lower Upper
168 100
99 57.0 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 49.159 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 85 Resp: 76460
Ion Ratio Lower Upper
85 100
87 31.0 15.4 46.4

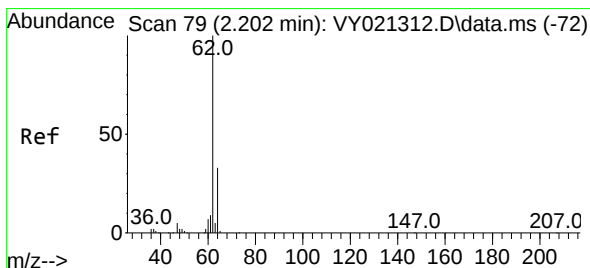
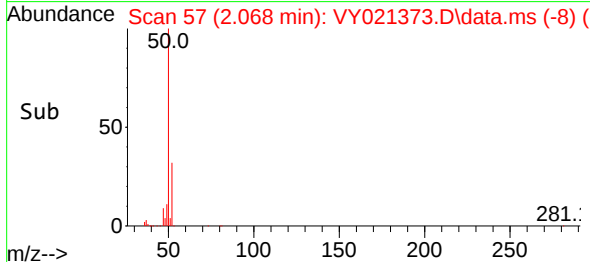
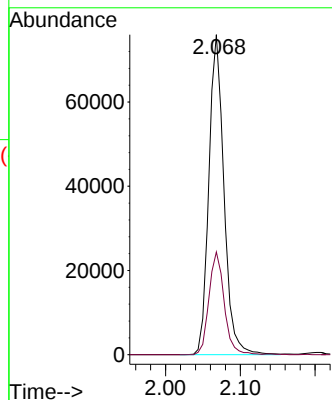
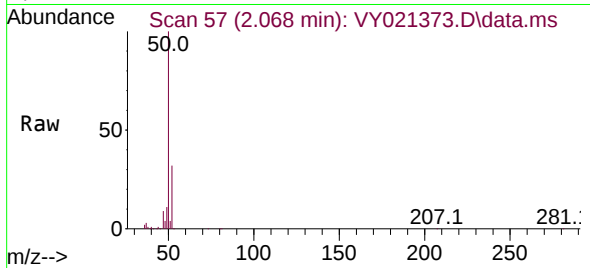




#3
Chloromethane
Concen: 53.115 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

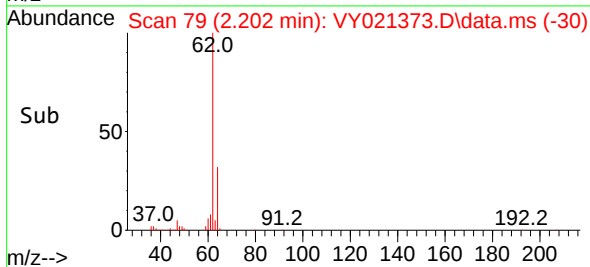
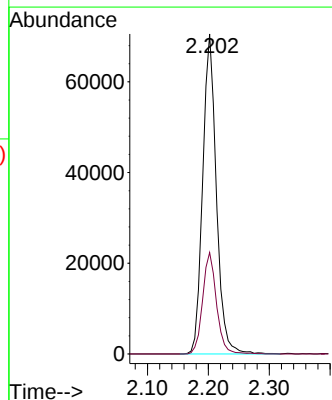
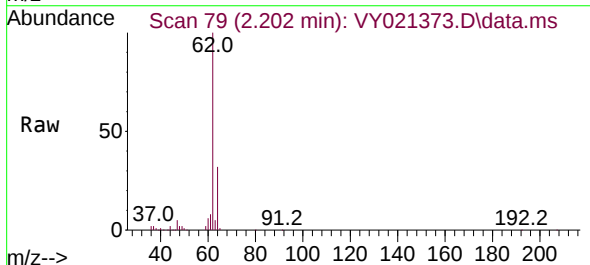
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ClientSampleId :
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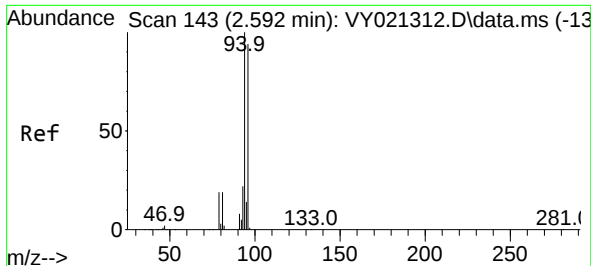
Tgt Ion: 50 Resp: 106692
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 55.902 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 62 Resp: 110217
Ion Ratio Lower Upper
62 100
64 31.7 26.3 39.5

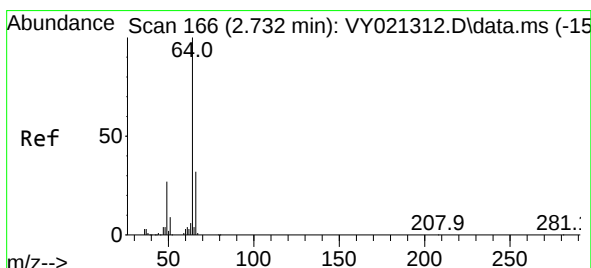
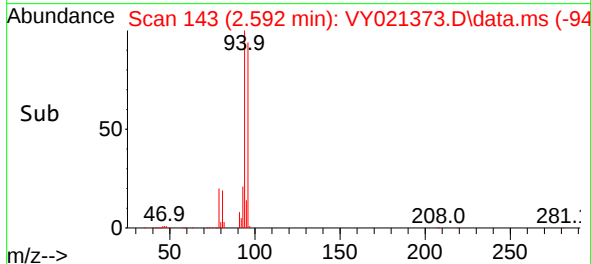
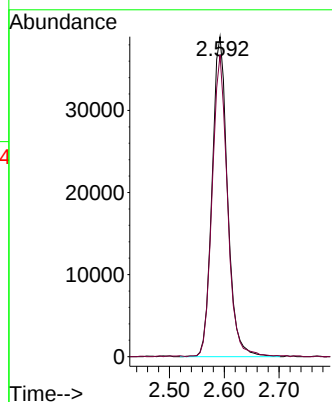
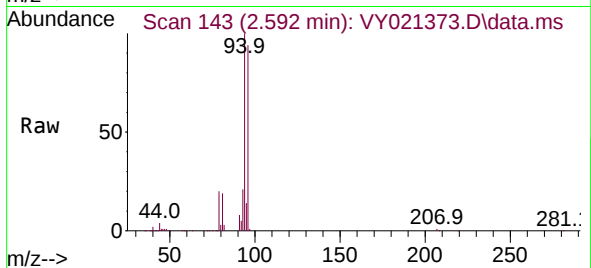




#5
Bromomethane
Concen: 58.021 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

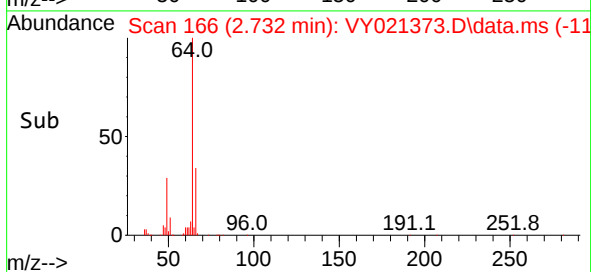
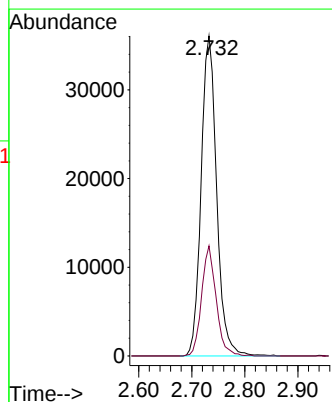
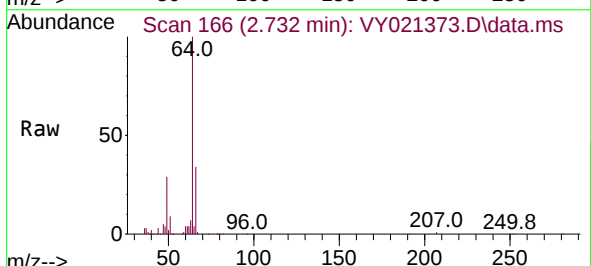
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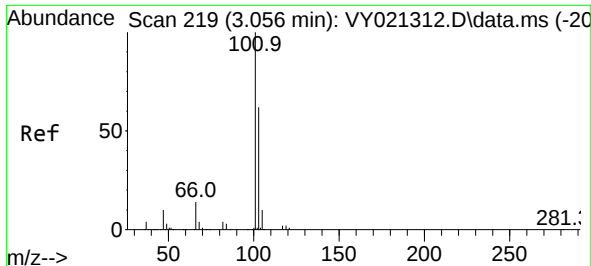
Tgt Ion: 94 Resp: 76017
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 60.049 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 64 Resp: 73418
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.0

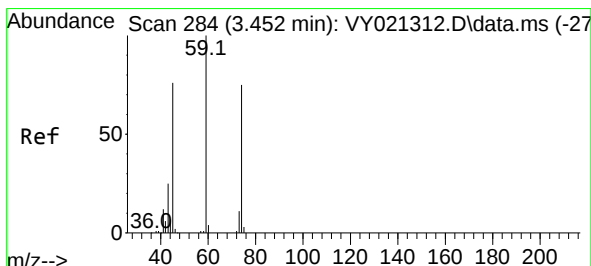
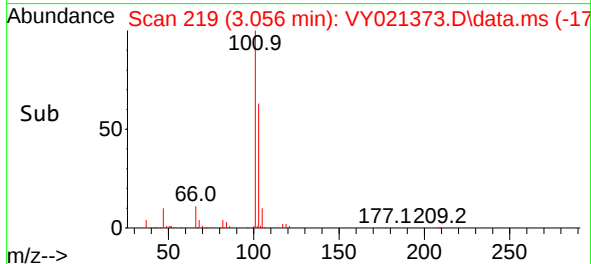
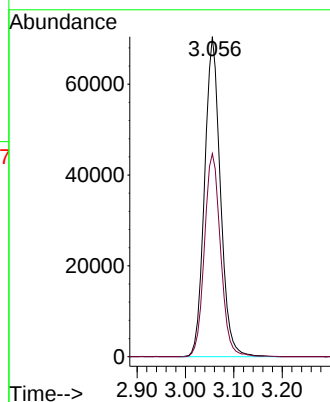
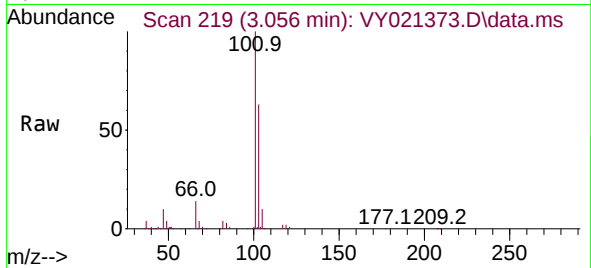




#7
 Trichlorofluoromethane
 Concen: 53.835 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

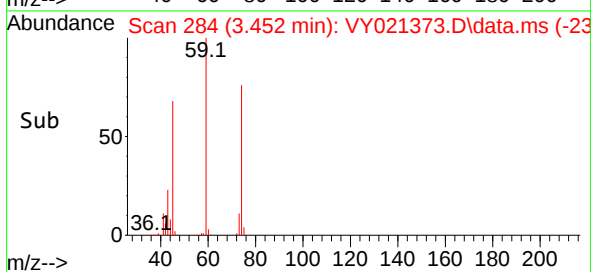
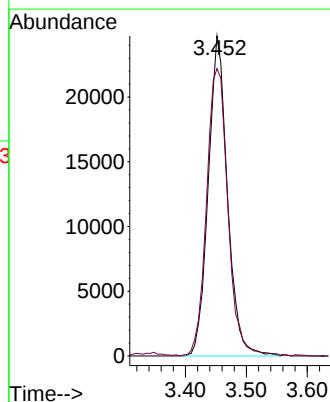
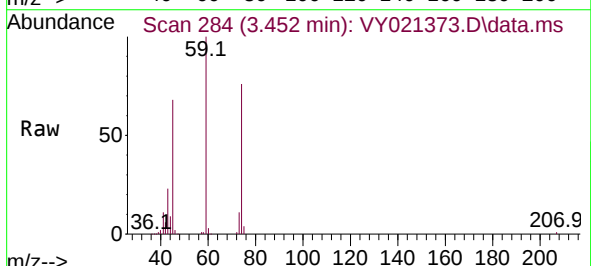
Instrument :
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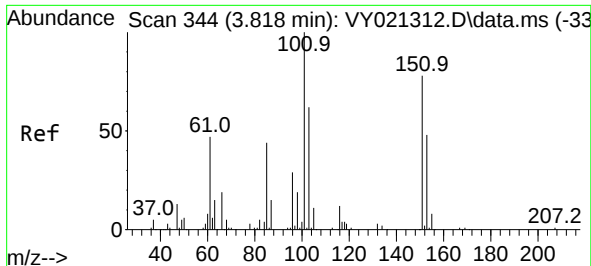
Tgt Ion:101 Resp: 160295
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.7 74.5



#8
 Diethyl Ether
 Concen: 60.563 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

Tgt Ion: 74 Resp: 54124
 Ion Ratio Lower Upper
 74 100
 45 99.9 50.3 150.9

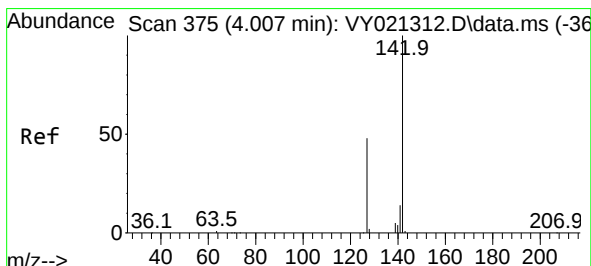
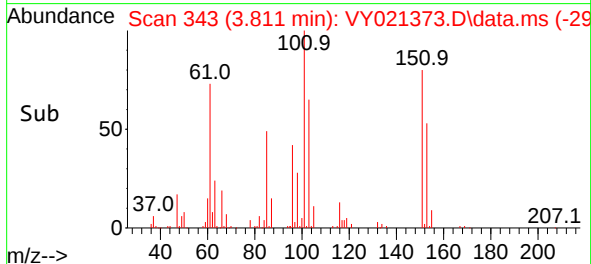
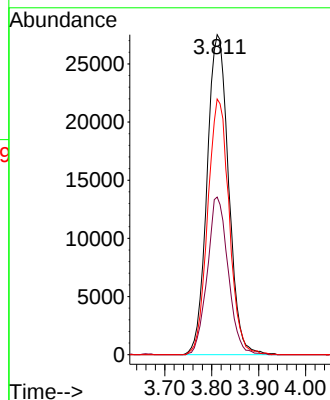
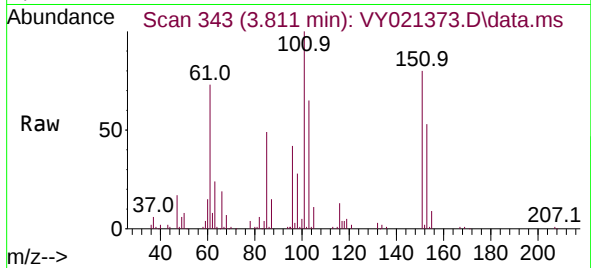




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.789 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

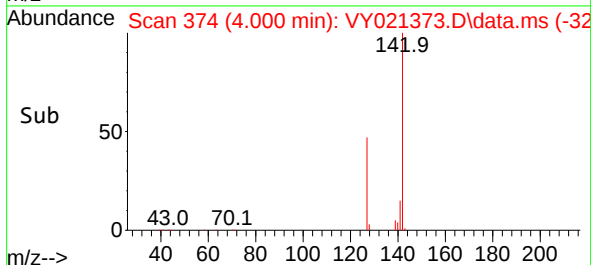
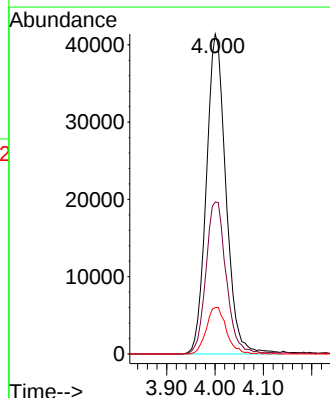
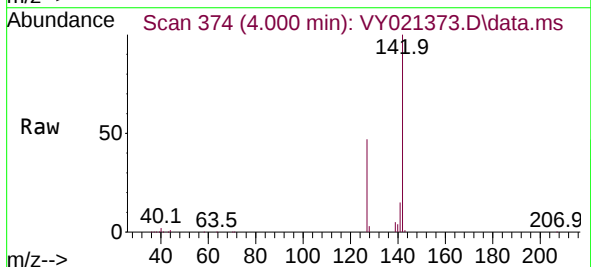
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

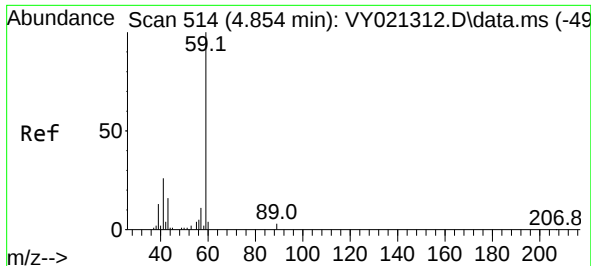
Tgt Ion:101 Resp: 87554
Ion Ratio Lower Upper
101 100
85 47.7 36.7 55.1
151 79.4 62.6 94.0



#10
Methyl Iodide
Concen: 64.242 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:142 Resp: 116511
Ion Ratio Lower Upper
142 100
127 49.1 39.2 58.8
141 14.9 11.4 17.2

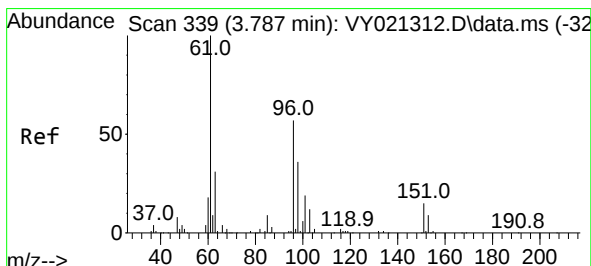
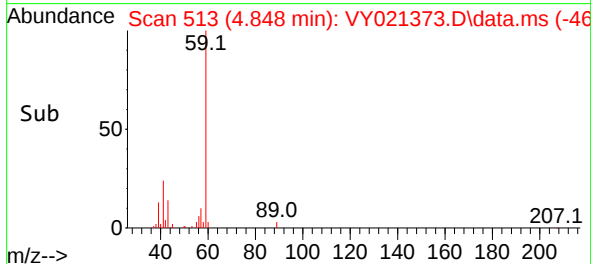
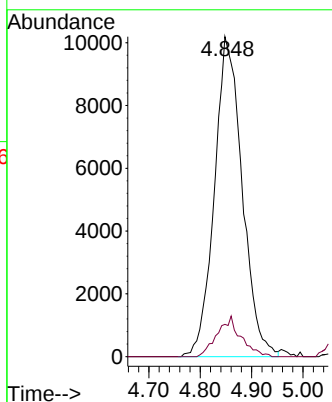
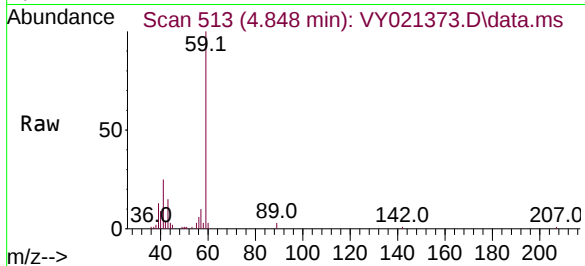




#11
Tert butyl alcohol
Concen: 267.277 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

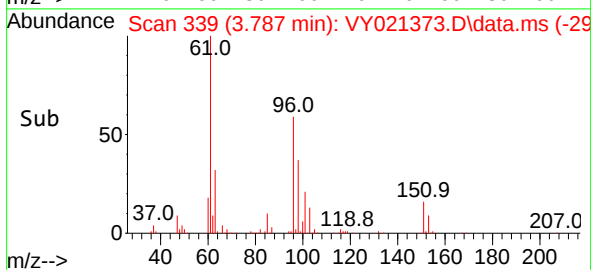
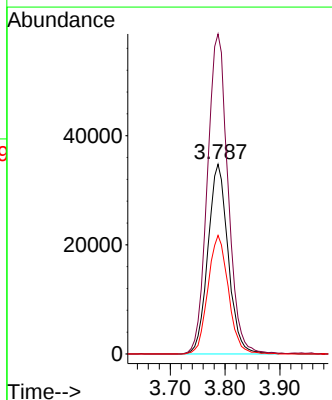
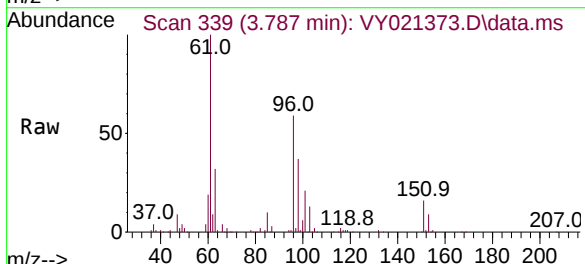
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

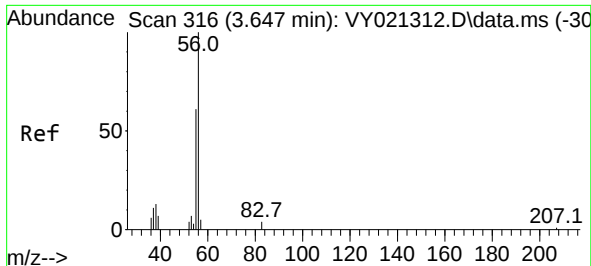
Tgt Ion: 59 Resp: 38259
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.962 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 96 Resp: 89071
Ion Ratio Lower Upper
96 100
61 168.7 139.7 209.5
98 62.5 49.7 74.5

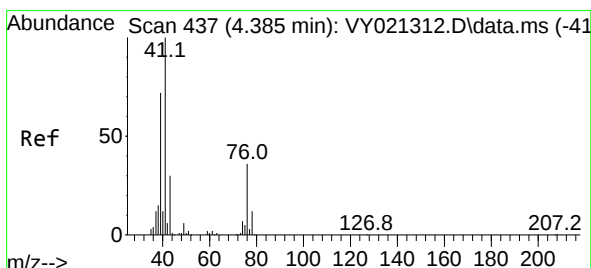
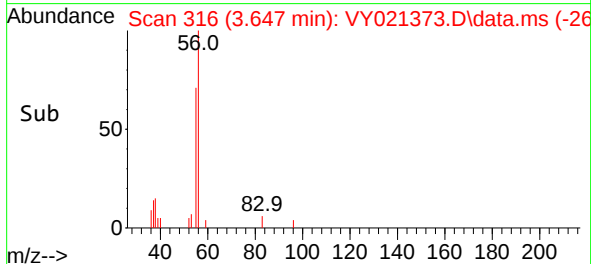
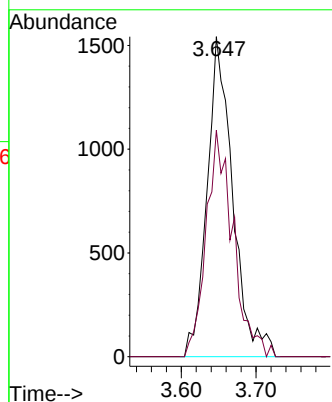
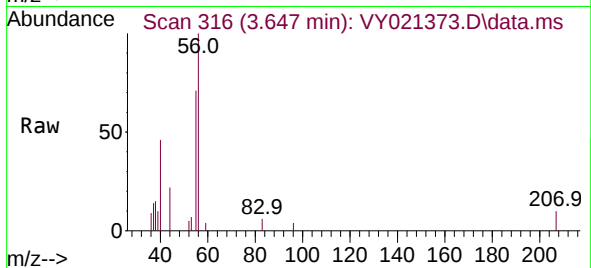




#13
Acrolein
Concen: 33.485 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

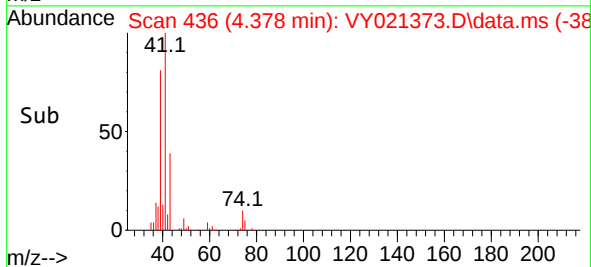
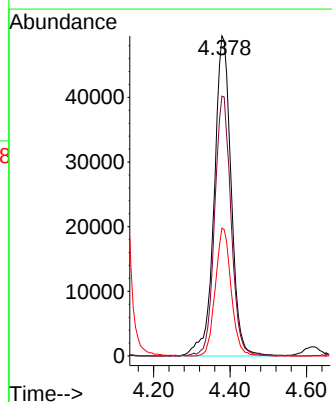
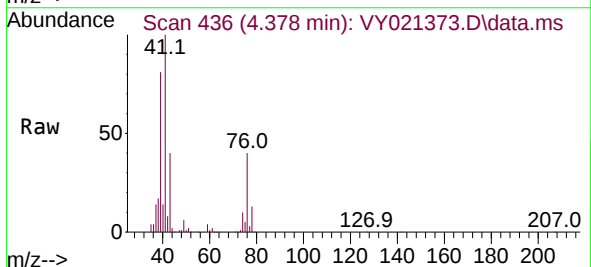
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

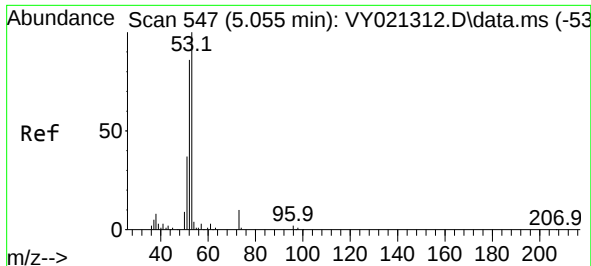
Tgt Ion: 56 Resp: 3673
Ion Ratio Lower Upper
56 100
55 74.3 59.0 88.6



#14
Allyl chloride
Concen: 52.078 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 41 Resp: 152407
Ion Ratio Lower Upper
41 100
39 78.5 60.0 90.0
76 37.2 29.0 43.6

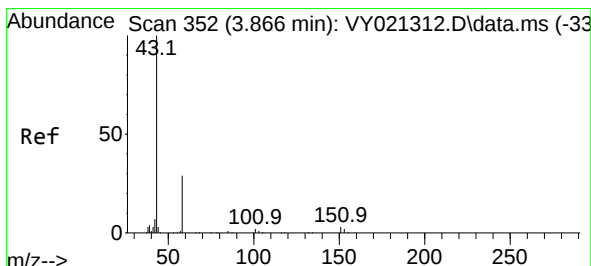
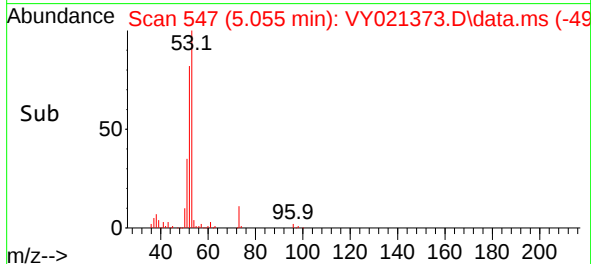
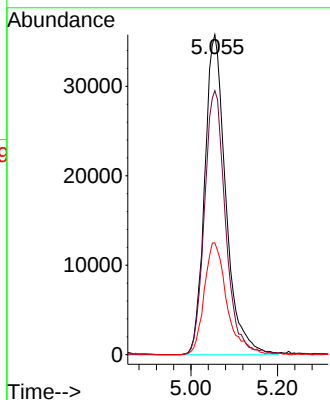
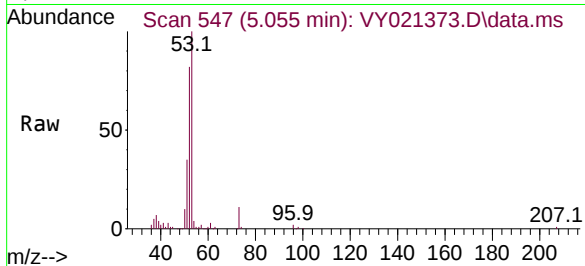




#15
Acrylonitrile
Concen: 306.214 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

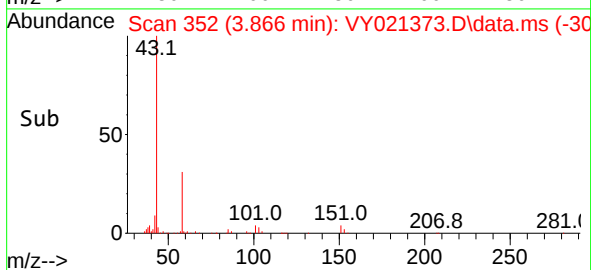
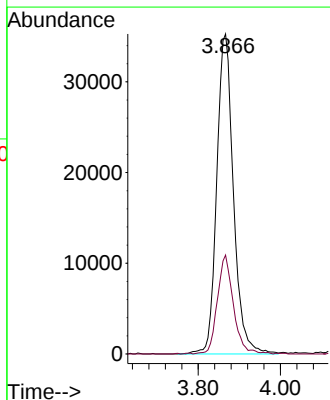
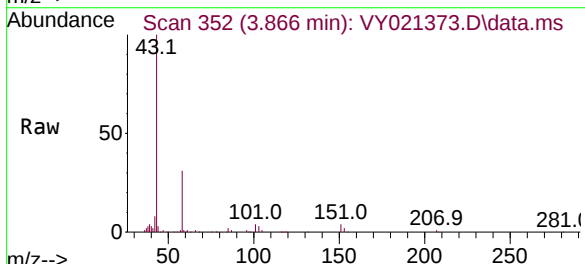
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

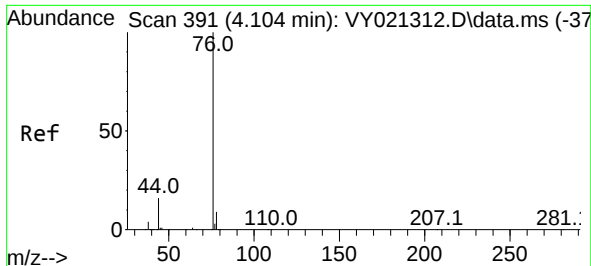
Tgt Ion: 53 Resp: 120993
Ion Ratio Lower Upper
53 100
52 82.8 65.5 98.3
51 37.8 30.6 46.0



#16
Acetone
Concen: 278.173 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 43 Resp: 99302
Ion Ratio Lower Upper
43 100
58 30.7 23.5 35.3

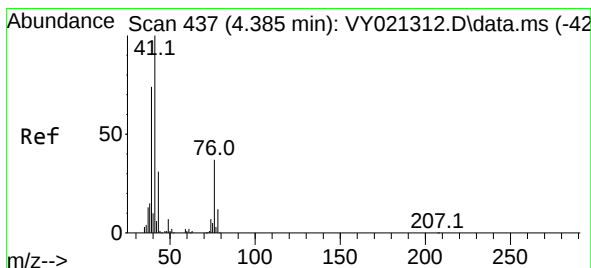
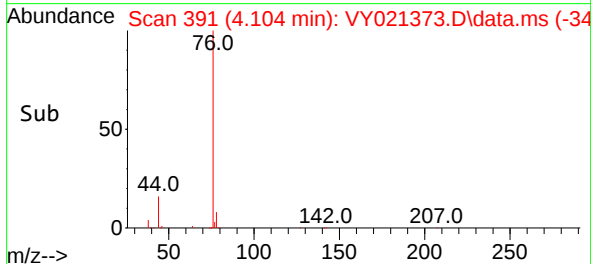
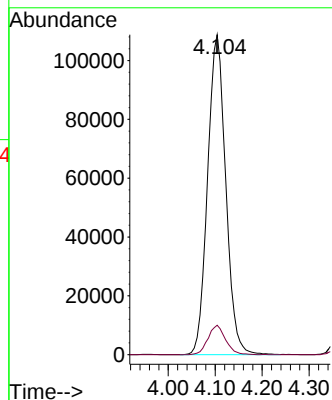
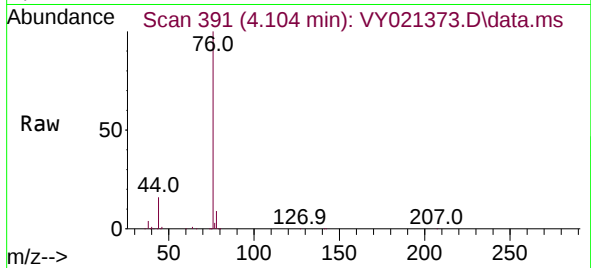




#17
Carbon Disulfide
Concen: 53.158 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

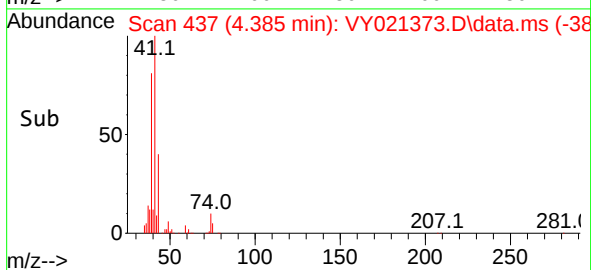
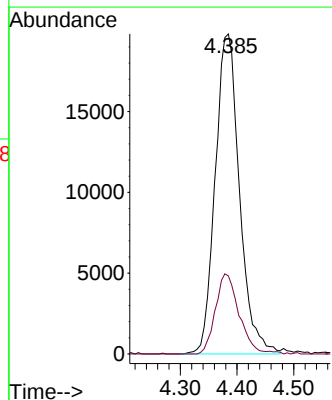
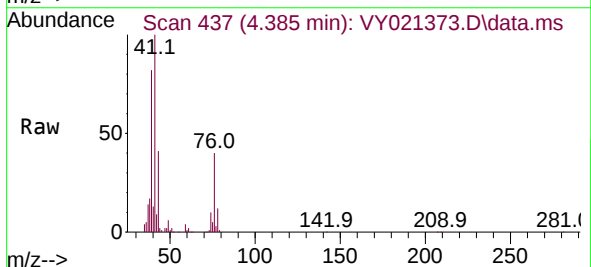
Instrument :
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ClientSampleId :
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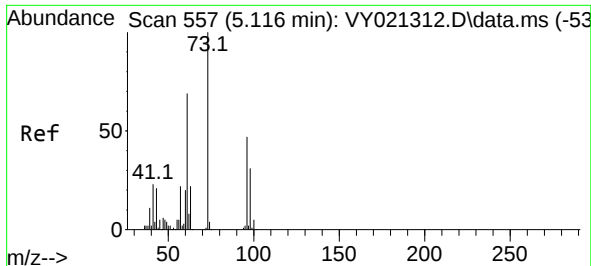
Tgt Ion: 76 Resp: 291364
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 67.566 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 43 Resp: 58945
Ion Ratio Lower Upper
43 100
74 24.5 17.7 26.5

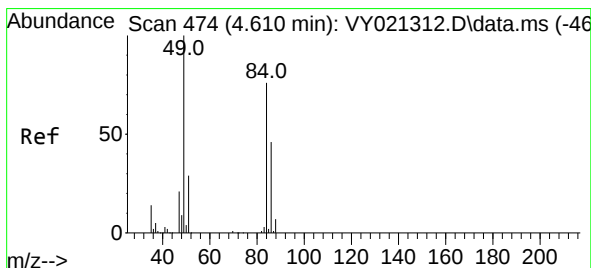
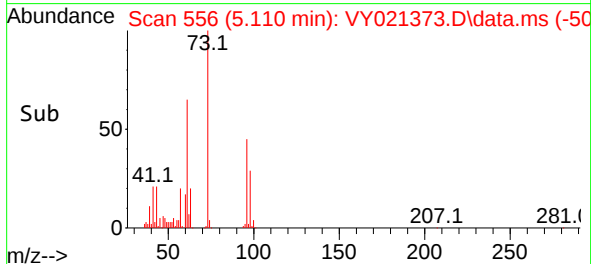
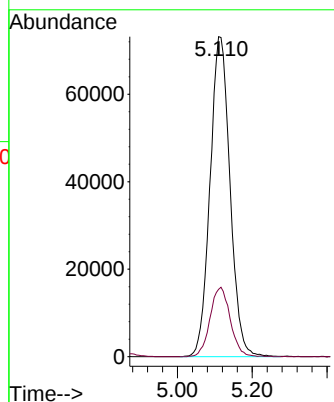
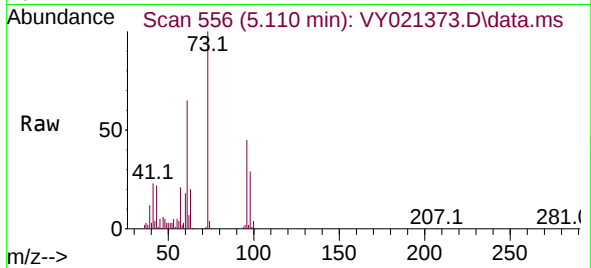




#19
Methyl tert-butyl Ether
Concen: 62.228 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

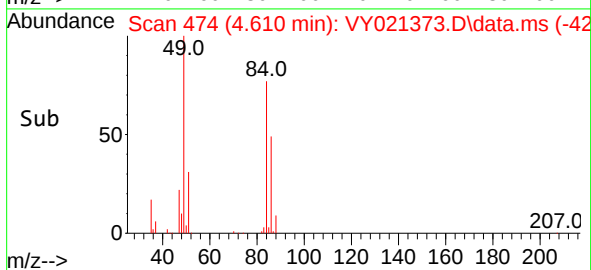
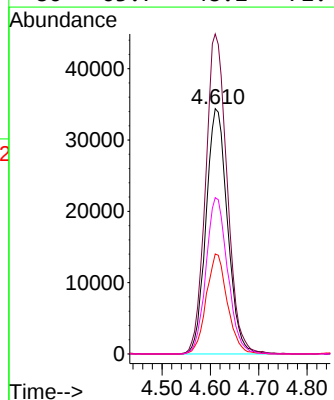
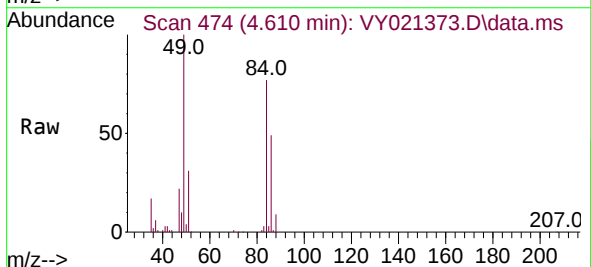
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

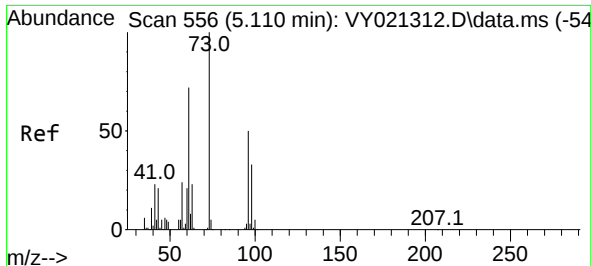
Tgt Ion: 73 Resp: 271378
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 55.125 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 84 Resp: 106412
Ion Ratio Lower Upper
84 100
49 130.4 105.1 157.7
51 40.8 31.0 46.4
86 63.7 48.2 72.4

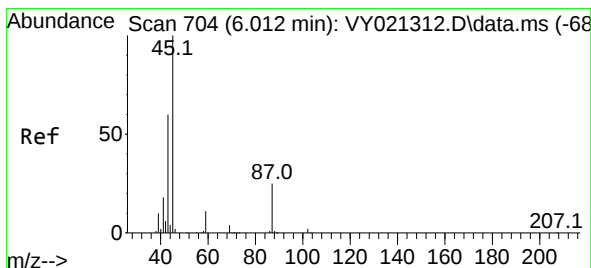
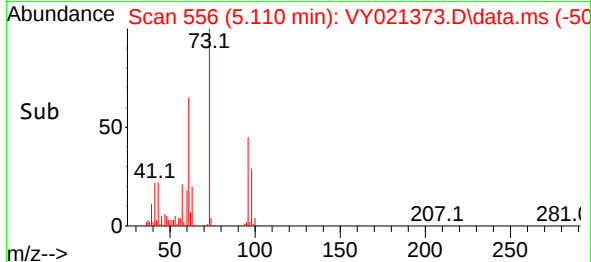
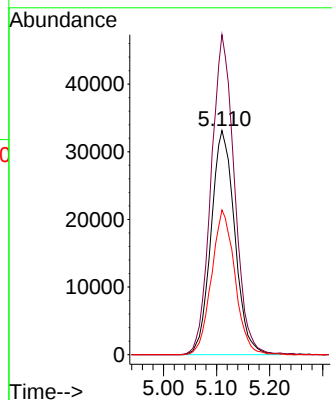
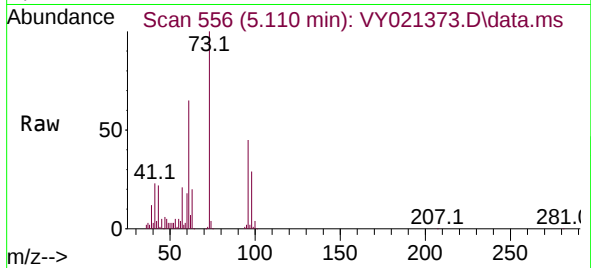




#21
trans-1,2-Dichloroethene
Concen: 56.633 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

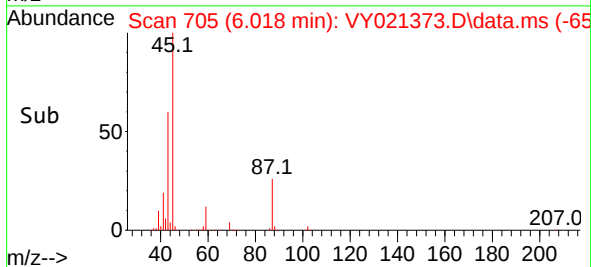
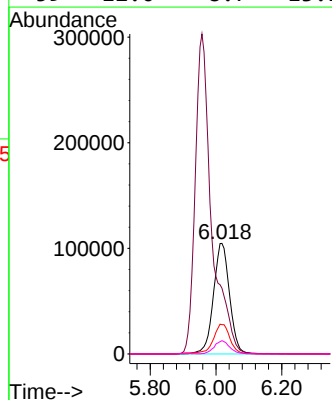
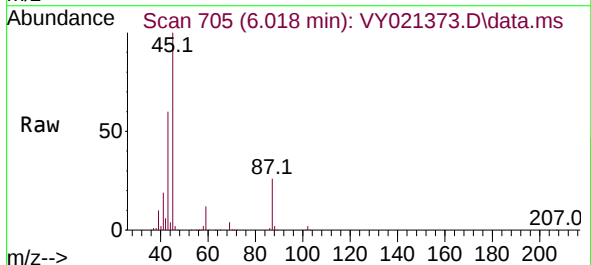
Instrument :
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ClientSampleId :
VSTDCCC050EC

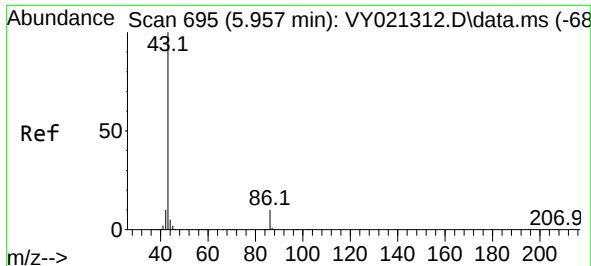
Tgt Ion: 96 Resp: 102907
Ion Ratio Lower Upper
96 100
61 142.7 116.3 174.5
98 64.5 52.6 78.8



#22
Diisopropyl ether
Concen: 58.775 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 45 Resp: 355935
Ion Ratio Lower Upper
45 100
43 59.3 48.2 72.4
87 26.4 20.3 30.5
59 12.0 8.7 13.1

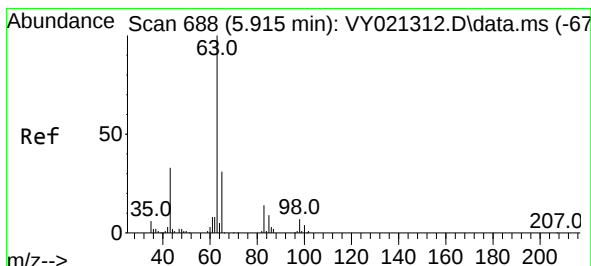
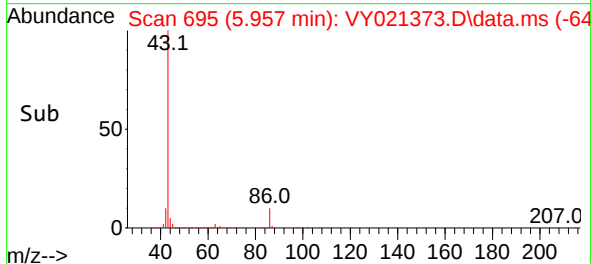
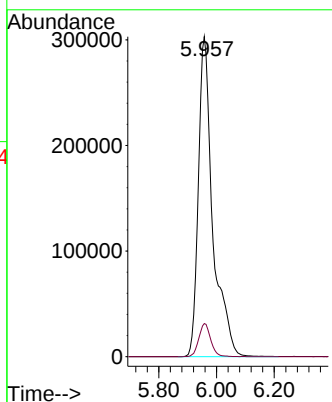
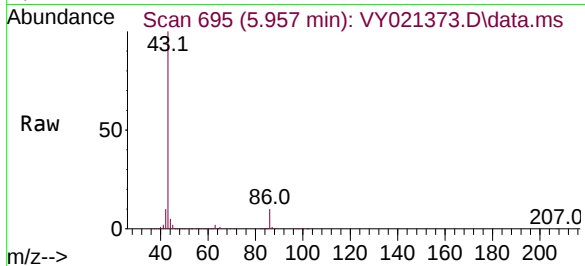




#23
 Vinyl Acetate
 Concen: 289.929 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

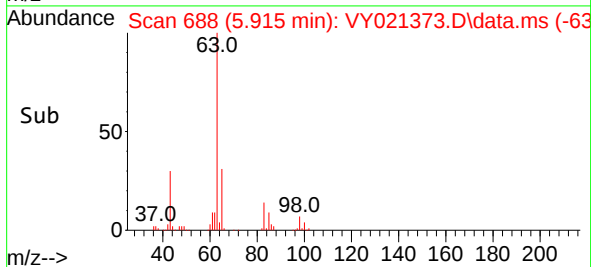
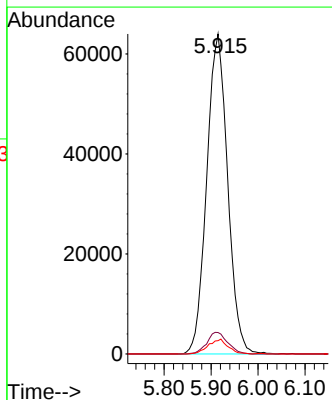
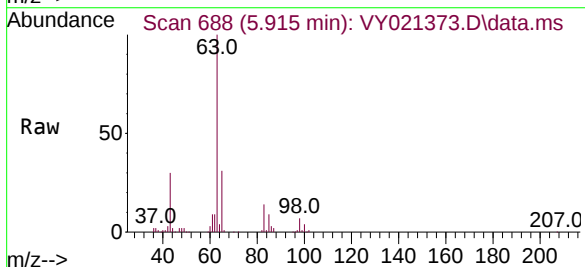
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

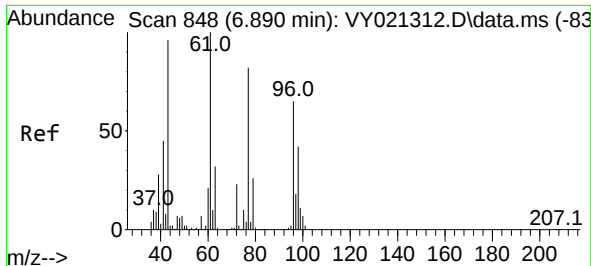
Tgt Ion: 43 Resp: 1049214
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 57.987 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

Tgt Ion: 63 Resp: 197924
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.1 2.1 6.5

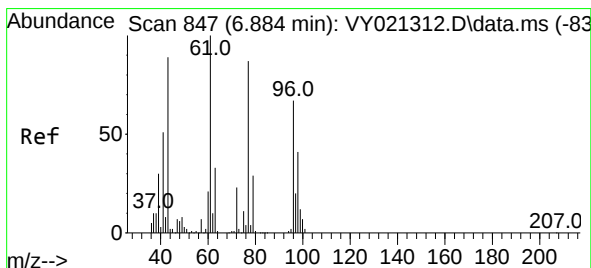
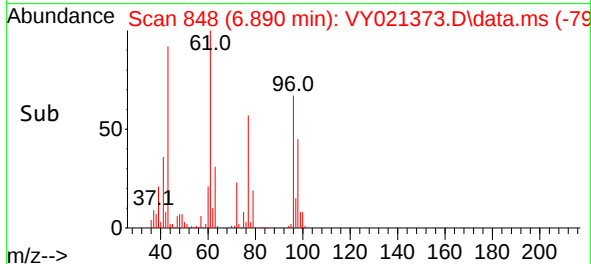
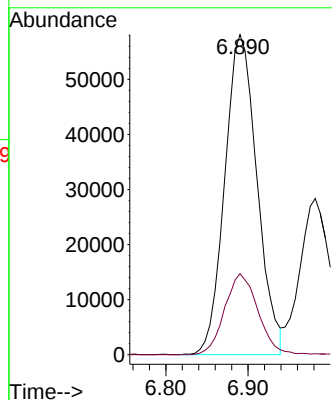
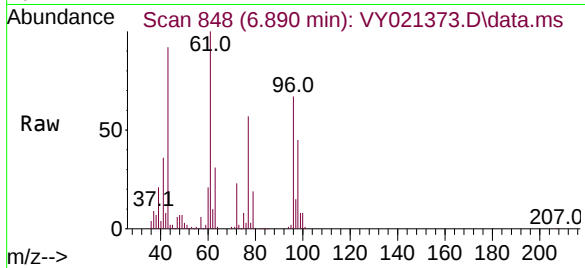




#25
2-Butanone
Concen: 294.593 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

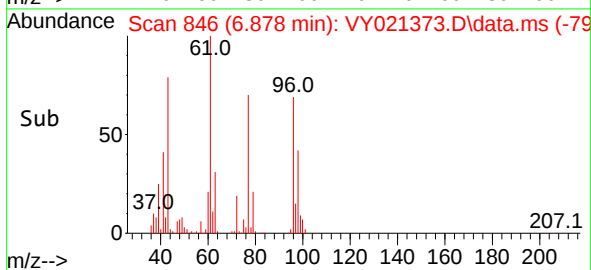
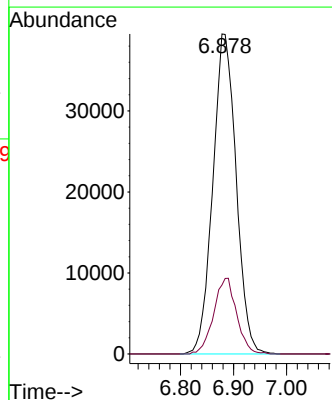
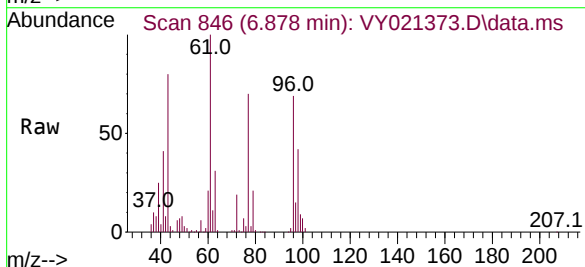
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

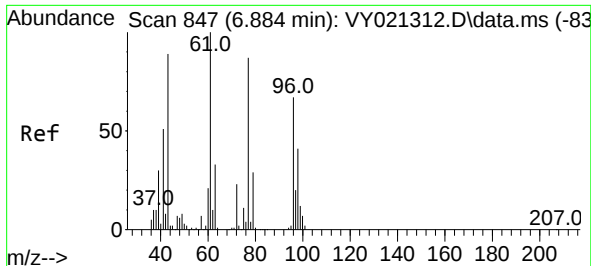
Tgt Ion: 43 Resp: 158717
Ion Ratio Lower Upper
43 100
72 25.3 19.0 28.6



#26
2,2-Dichloropropane
Concen: 38.974 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 77 Resp: 120707
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.7

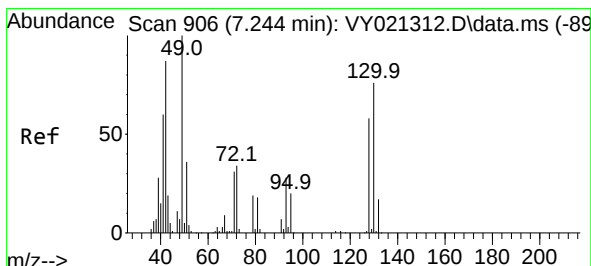
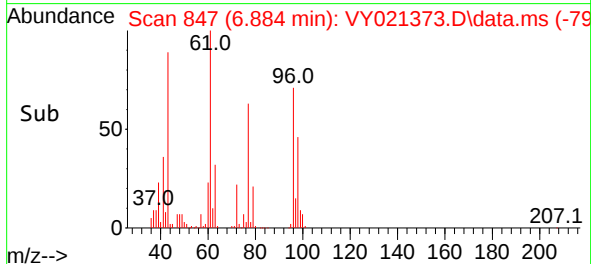
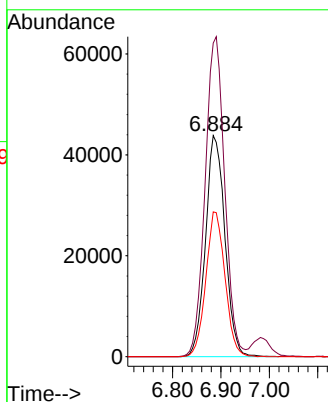
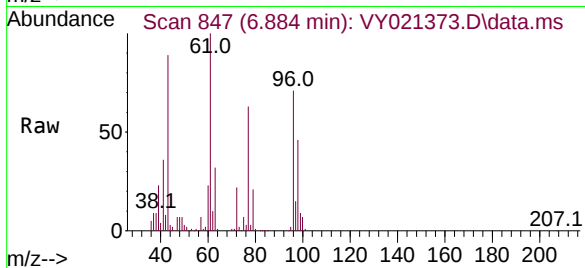




#27
 cis-1,2-Dichloroethene
 Concen: 59.051 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

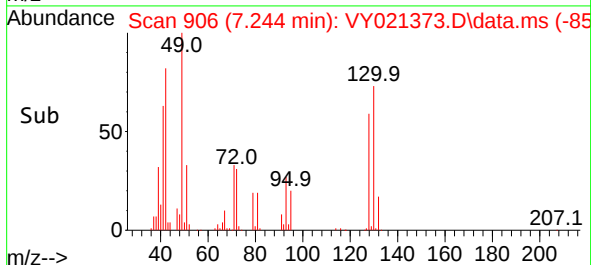
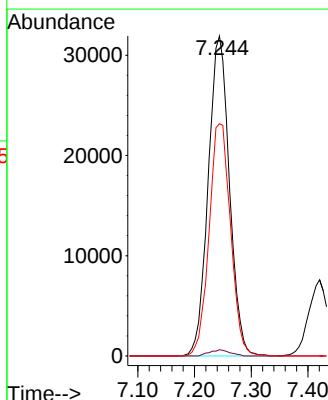
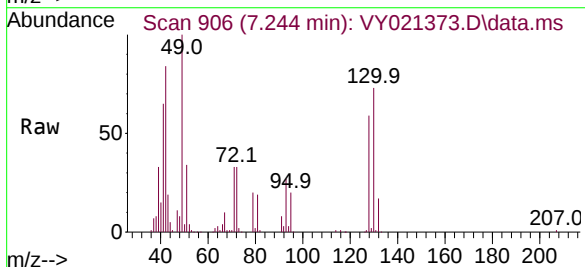
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

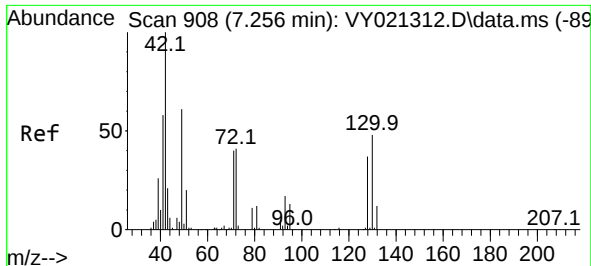
Tgt Ion: 96 Resp: 122529
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 308.0
 98 64.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 54.785 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

Tgt Ion: 49 Resp: 82742
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 73.7 57.8 86.6





#29

Tetrahydrofuran

Concen: 307.084 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

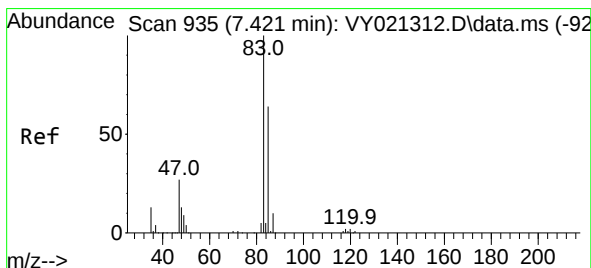
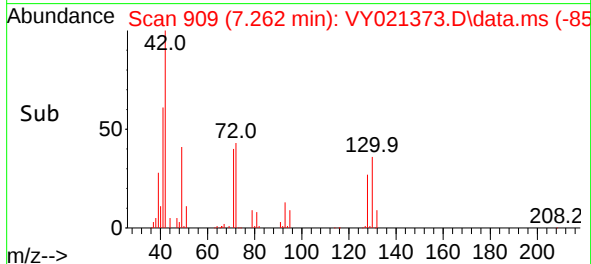
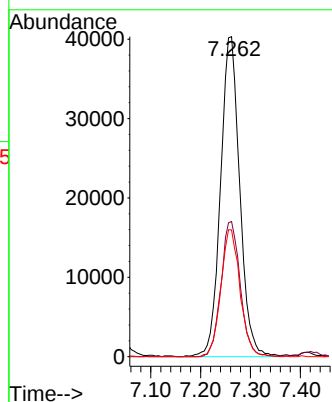
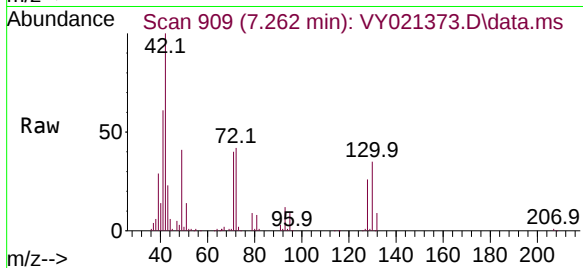
Tgt Ion: 42 Resp: 108144

Ion Ratio Lower Upper

42 100

72 42.2 33.1 49.7

71 39.7 31.4 47.0



#30

Chloroform

Concen: 59.934 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021373.D

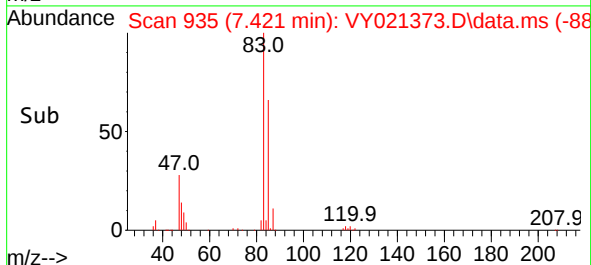
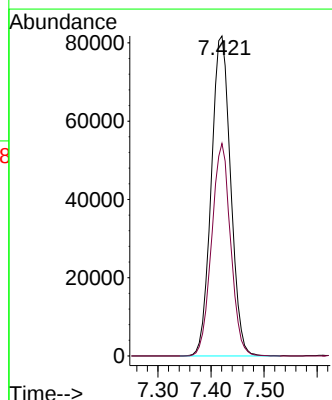
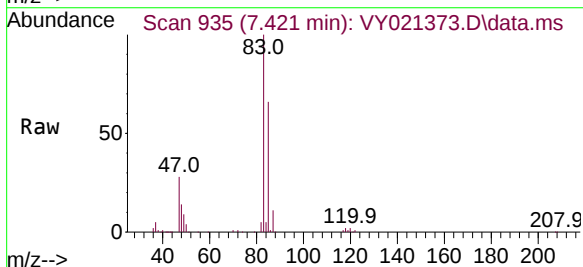
Acq: 27 Feb 2025 21:01

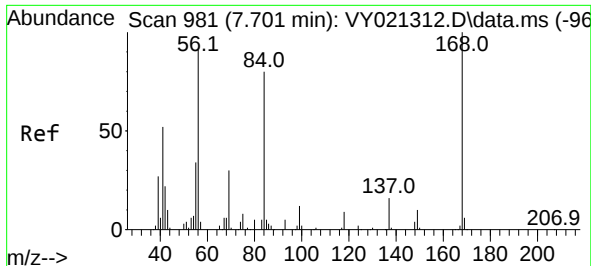
Tgt Ion: 83 Resp: 207288

Ion Ratio Lower Upper

83 100

85 66.4 51.6 77.4

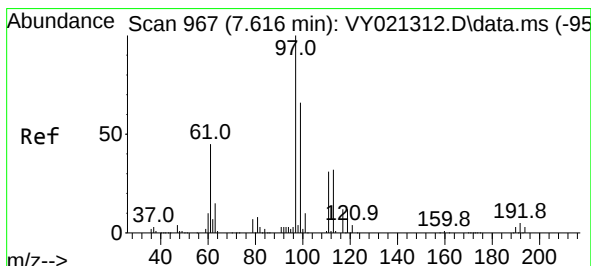
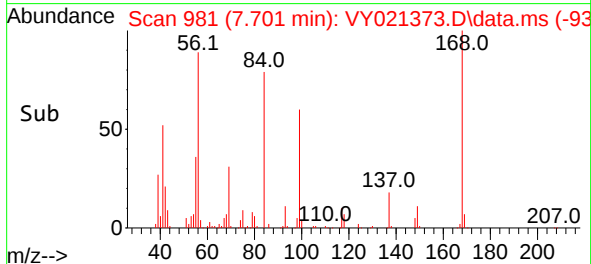
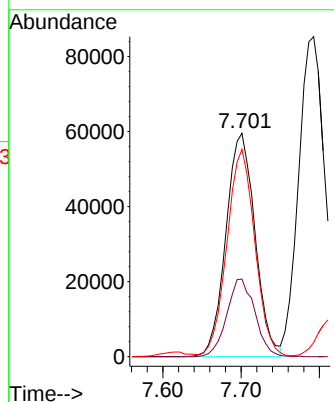
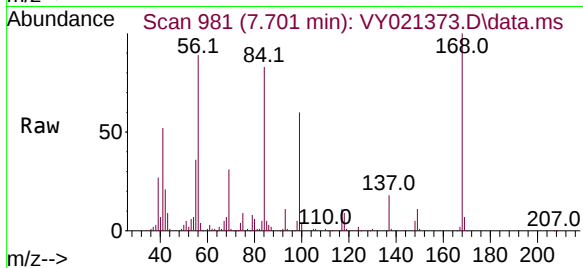




#31
Cyclohexane
Concen: 46.859 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

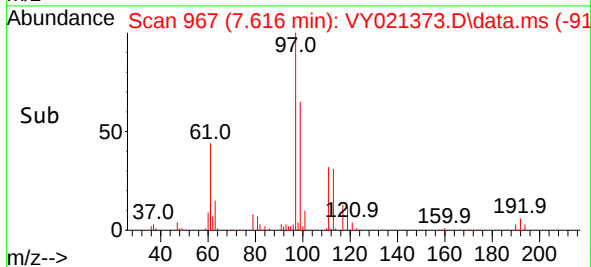
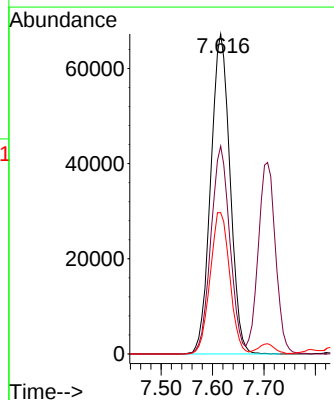
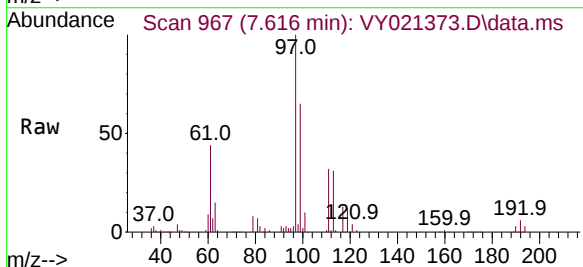
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

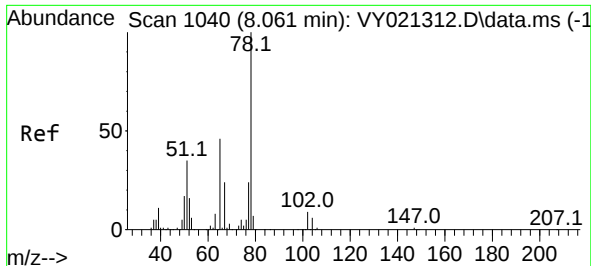
Tgt Ion: 56 Resp: 153746
Ion Ratio Lower Upper
56 100
69 34.7 26.2 39.4
84 90.9 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 55.649 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 97 Resp: 175189
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 45.0 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 52.477 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

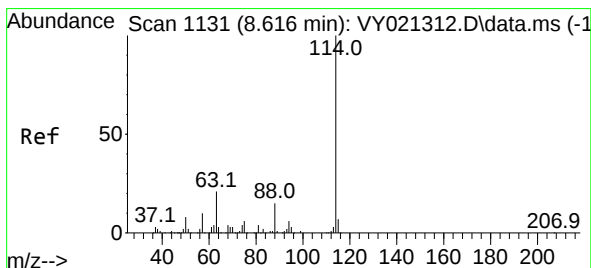
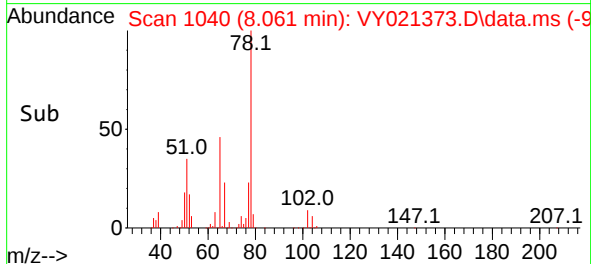
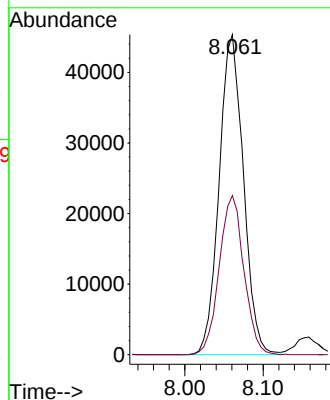
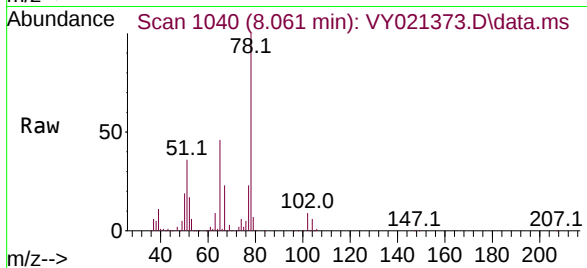
VSTDCCC050EC

Tgt Ion: 65 Resp: 97659

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

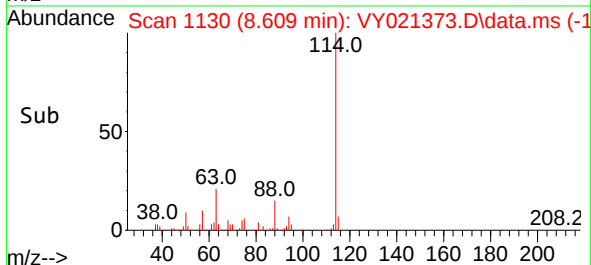
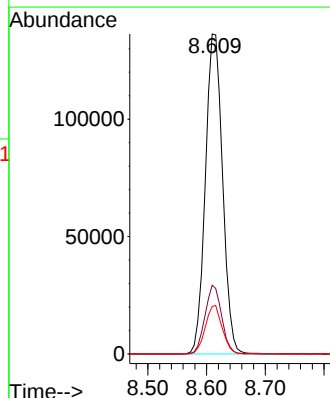
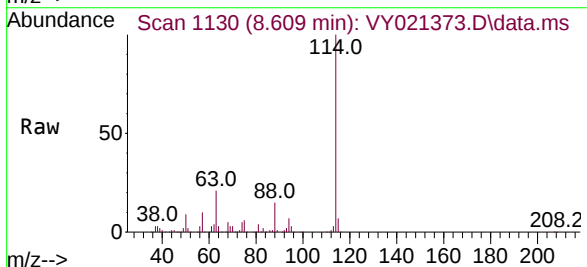
Tgt Ion: 114 Resp: 277373

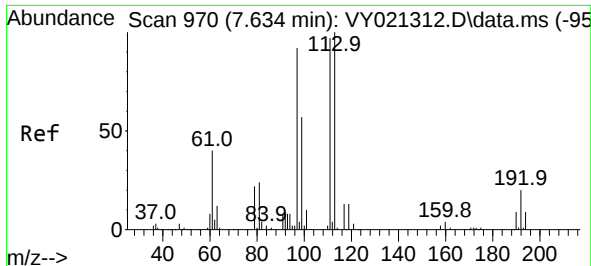
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 14.9 0.0 29.8

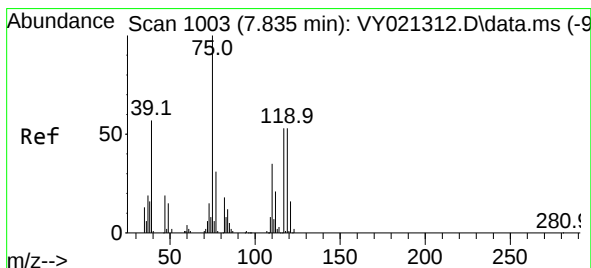
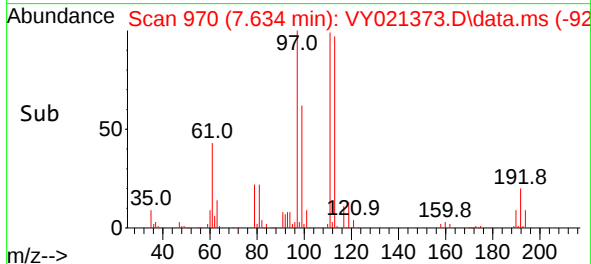
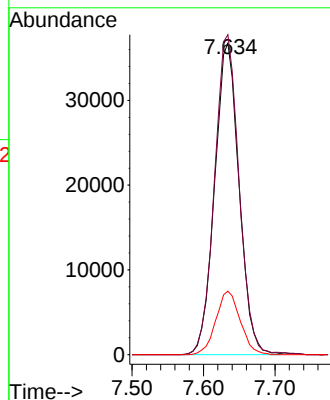
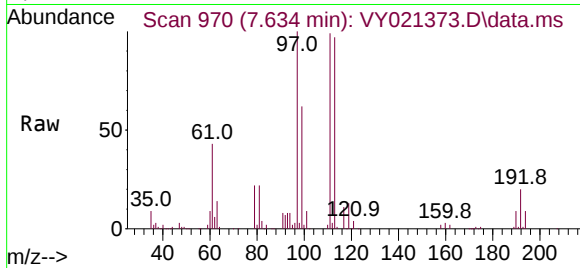




#35
Dibromofluoromethane
Concen: 47.922 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

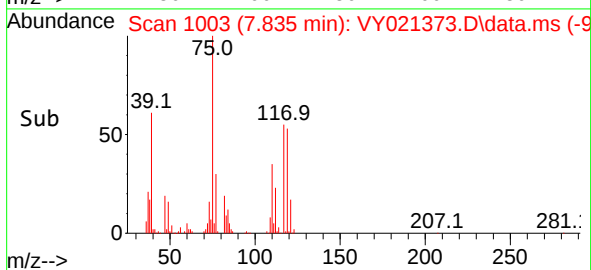
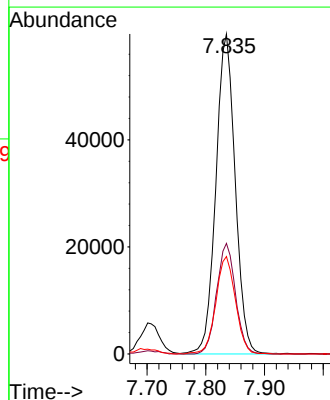
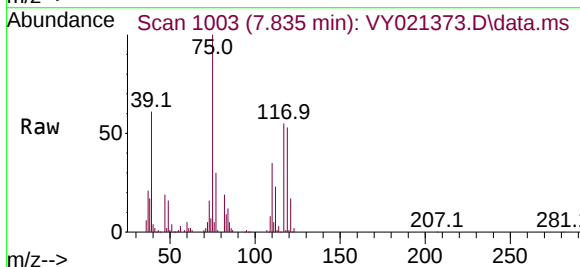
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

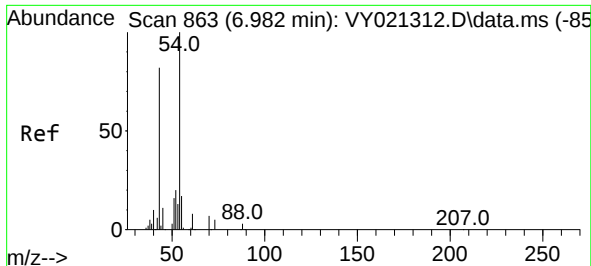
Tgt Ion:113 Resp: 87146
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.6
192 20.3 15.8 23.8



#36
1,1-Dichloropropene
Concen: 49.965 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 75 Resp: 136482
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 56.426 ug/l

RT: 6.982 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

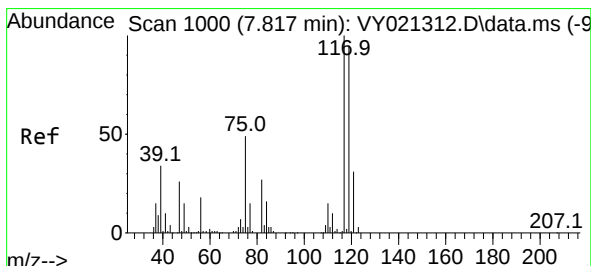
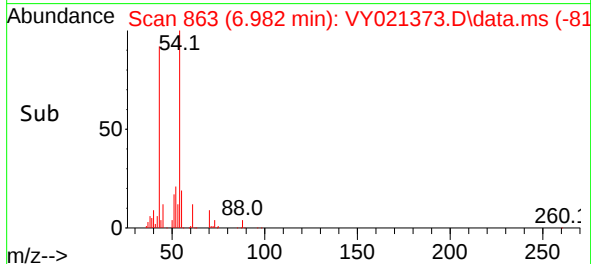
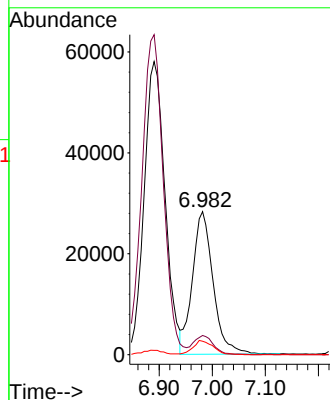
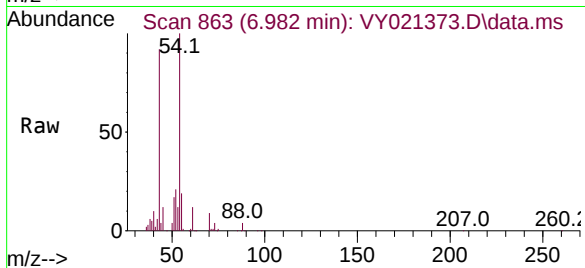
Tgt Ion: 43 Resp: 76669

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 50.561 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

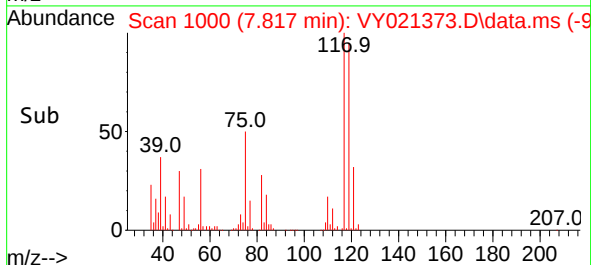
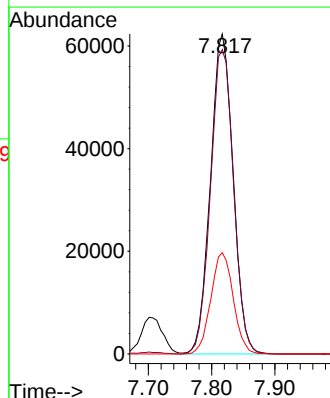
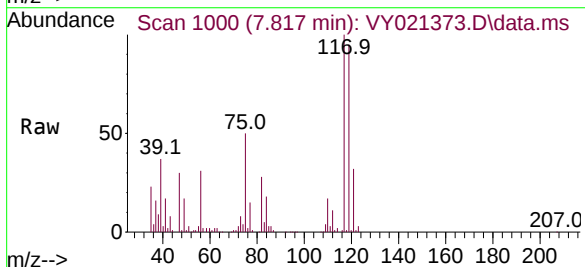
Tgt Ion: 117 Resp: 155267

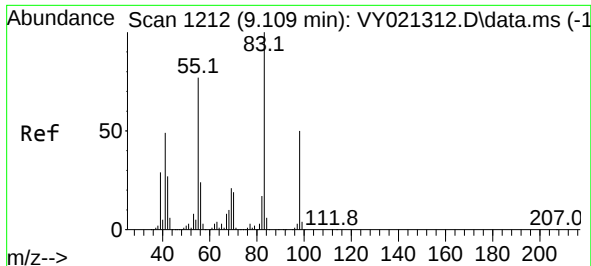
Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0

121 31.7 24.9 37.3

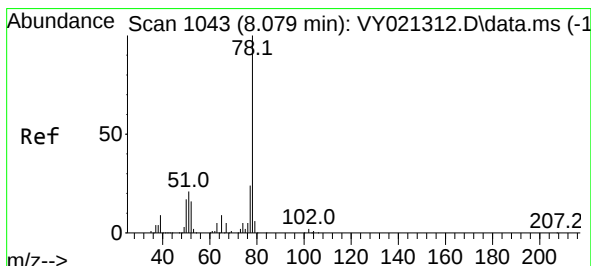
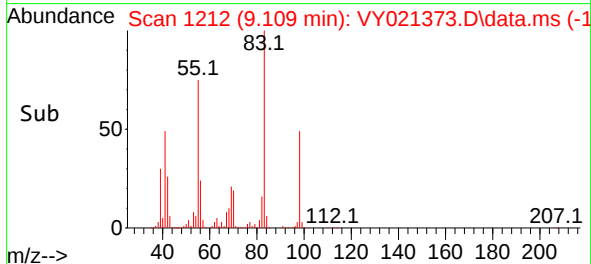
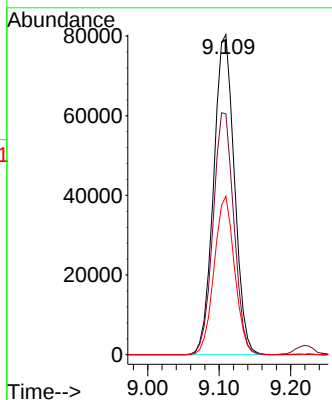
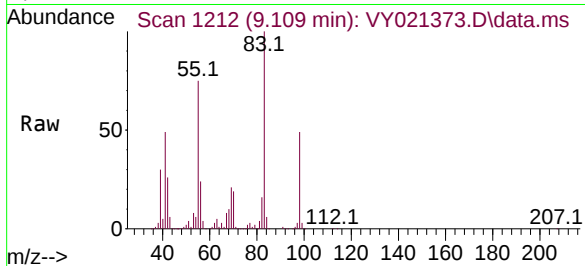




#39
Methylcyclohexane
Concen: 46.883 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

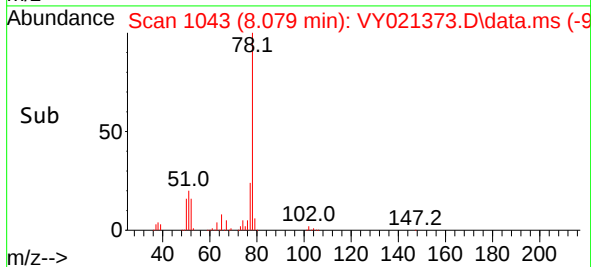
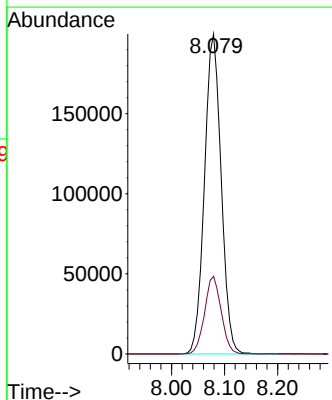
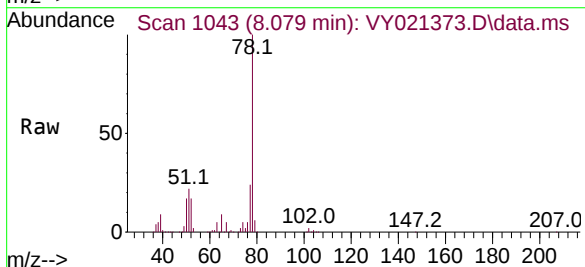
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

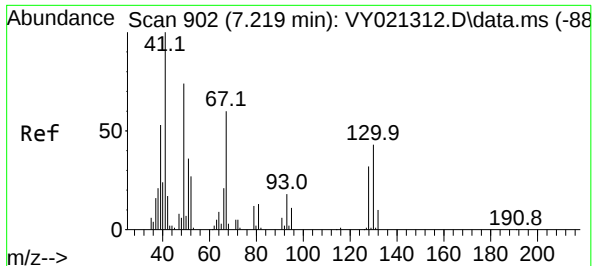
Tgt Ion: 83 Resp: 161976
Ion Ratio Lower Upper
83 100
55 75.2 61.3 91.9
98 49.5 39.9 59.9



#40
Benzene
Concen: 53.972 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 78 Resp: 435809
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

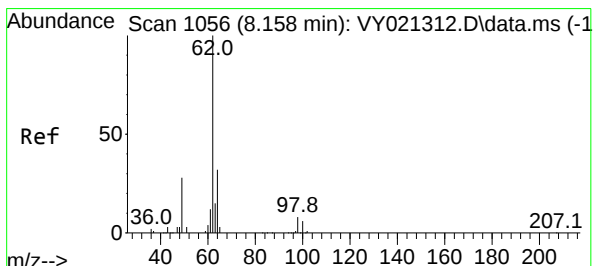
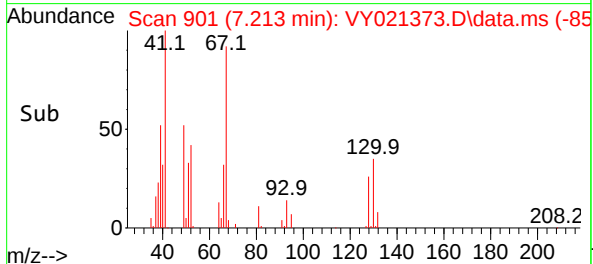
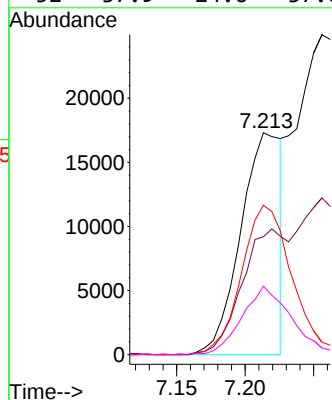
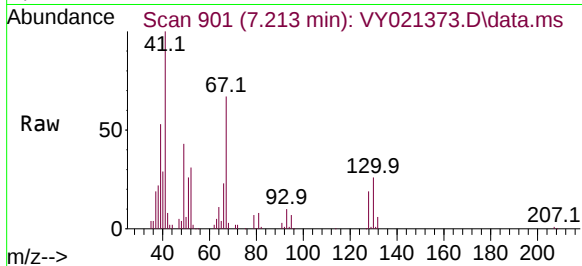




#41
Methacrylonitrile
Concen: 46.949 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

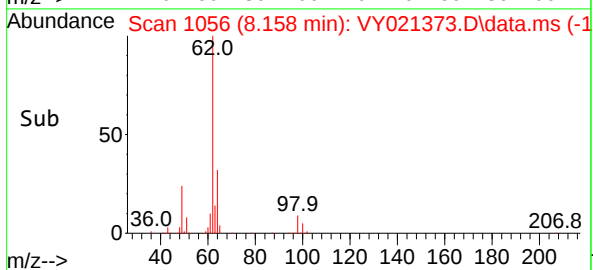
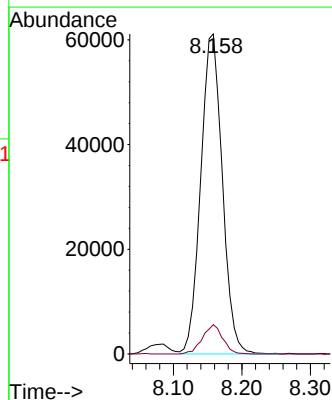
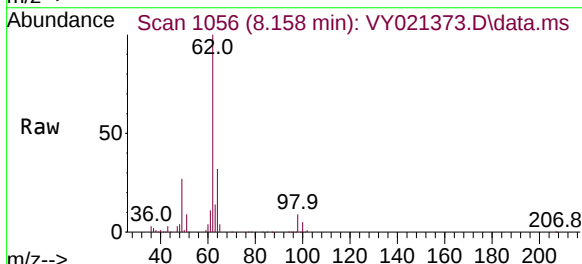
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

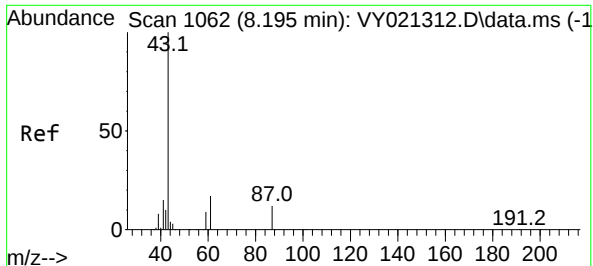
Tgt Ion: 41 Resp: 35667
Ion Ratio Lower Upper
41 100
39 64.2 42.3 63.5#
67 84.3 54.8 82.2#
52 37.9 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 58.542 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 62 Resp: 134116
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6

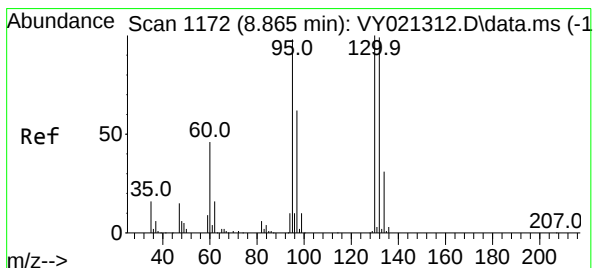
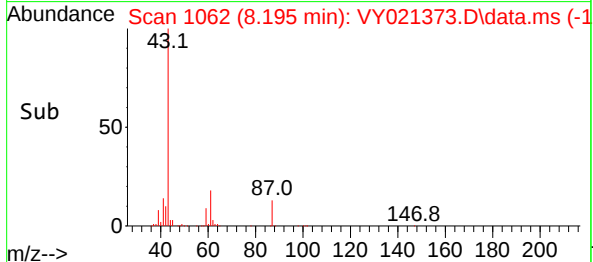
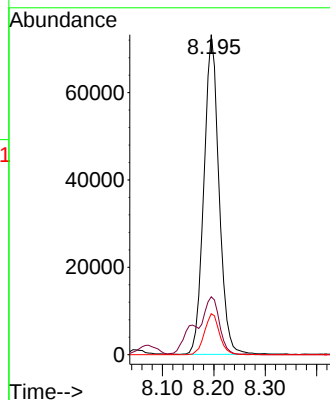
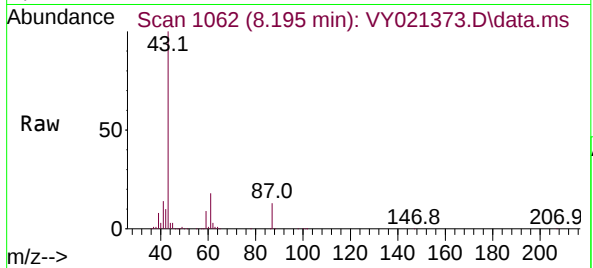




#43
Isopropyl Acetate
Concen: 56.783 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

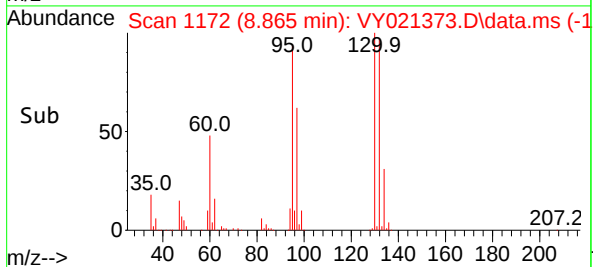
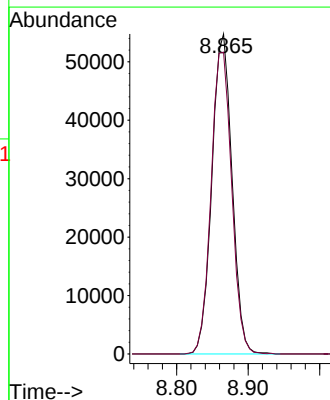
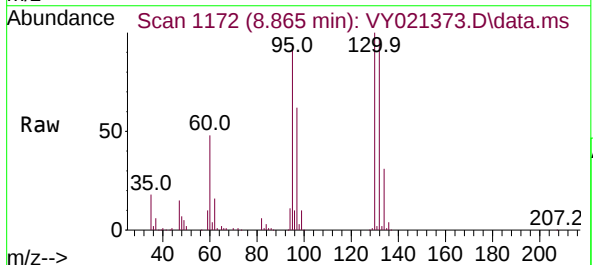
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

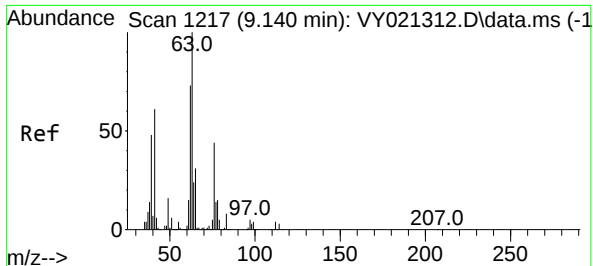
Tgt Ion: 43 Resp: 149338
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.6
87 12.7 10.0 15.0



#44
Trichloroethene
Concen: 52.959 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 130 Resp: 107062
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.329 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

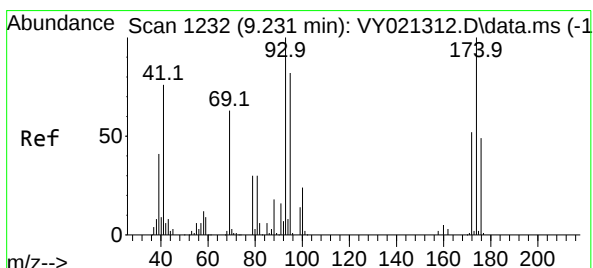
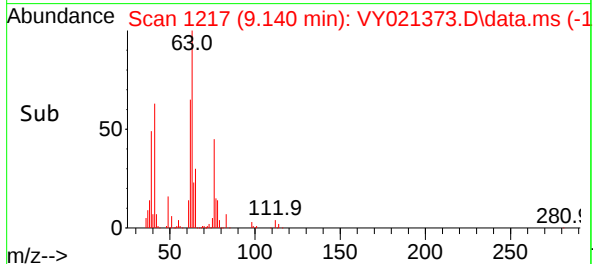
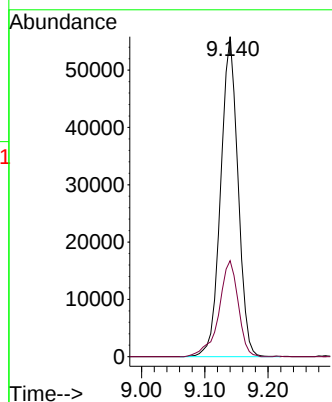
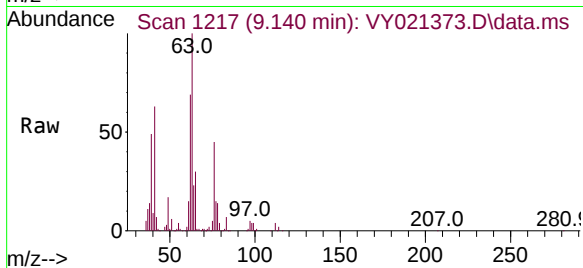
VSTDCCC050EC

Tgt Ion: 63 Resp: 105572

Ion Ratio Lower Upper

63 100

65 30.0 24.6 36.8



#46

Dibromomethane

Concen: 58.381 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

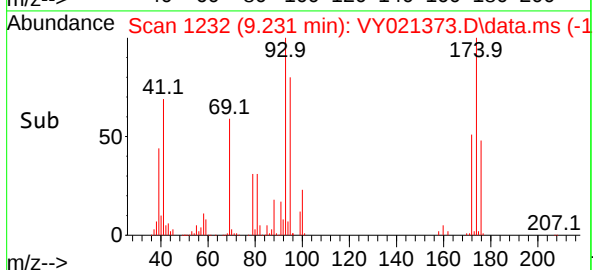
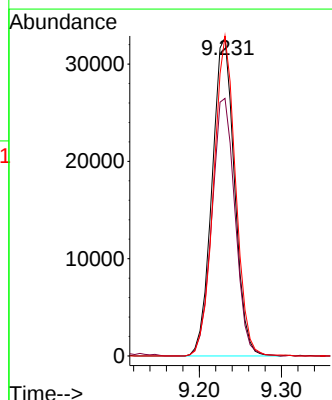
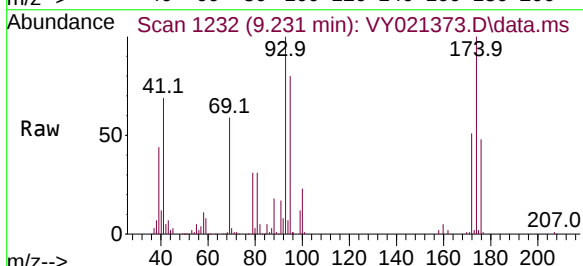
Tgt Ion: 93 Resp: 62012

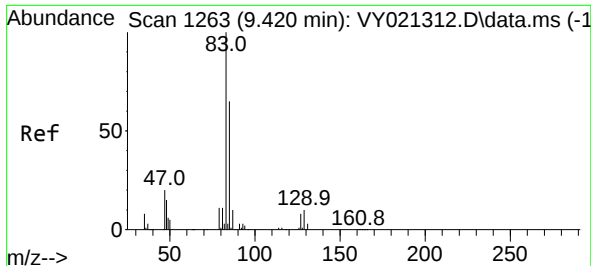
Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 98.3 78.2 117.2





#47

Bromodichloromethane

Concen: 56.995 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

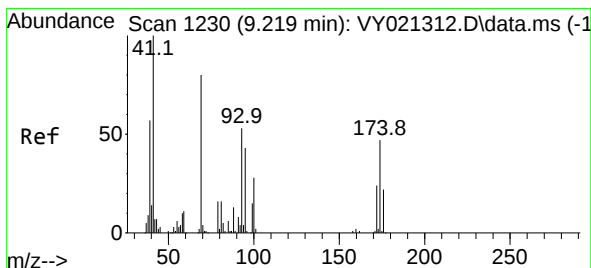
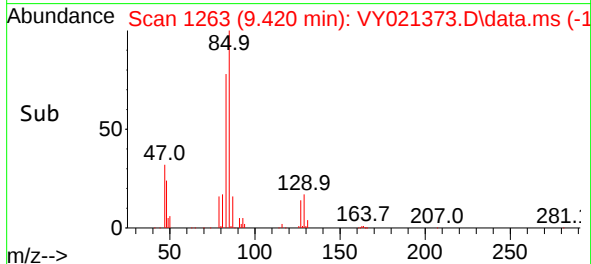
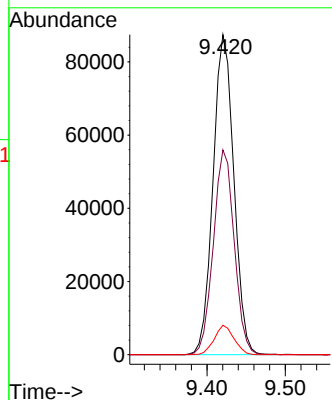
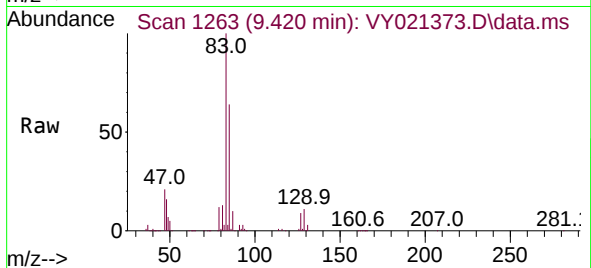
Tgt Ion: 83 Resp: 161420

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

127 9.2 6.7 10.1



#48

Methyl methacrylate

Concen: 57.023 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

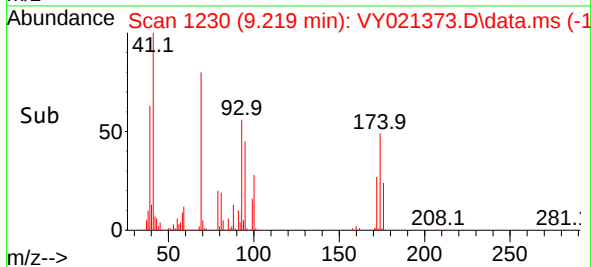
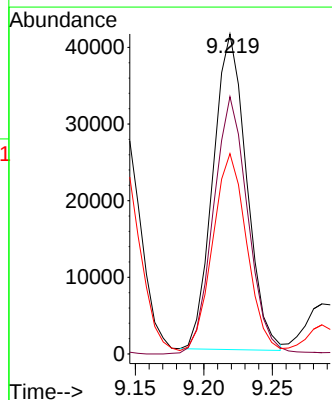
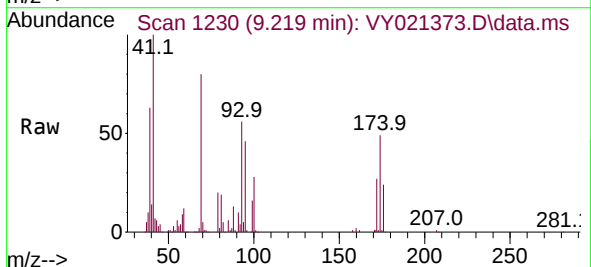
Tgt Ion: 41 Resp: 70130

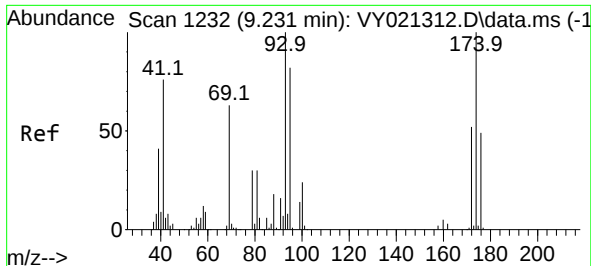
Ion Ratio Lower Upper

41 100

69 84.2 63.3 94.9

39 65.2 45.0 67.6





#49

1,4-Dioxane

Concen: 1207.299 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

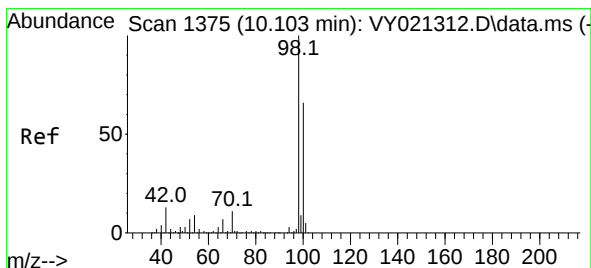
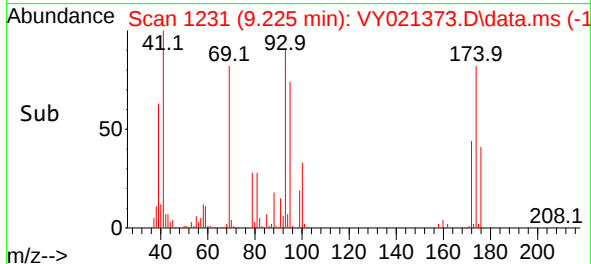
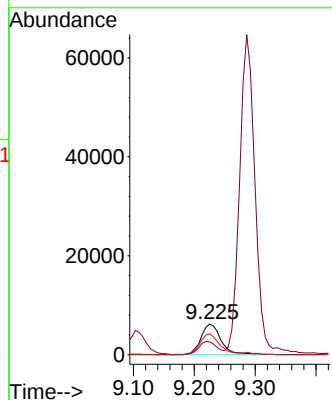
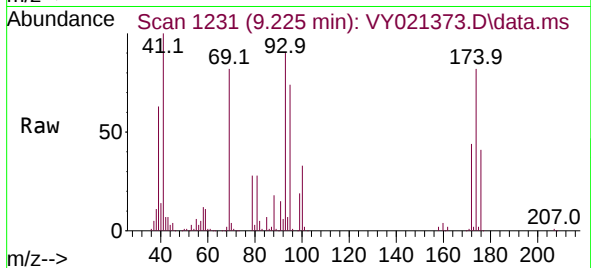
Tgt Ion: 88 Resp: 14259

Ion Ratio Lower Upper

88 100

43 39.8 34.8 52.2

58 66.7 59.8 89.6



#50

Toluene-d8

Concen: 46.018 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021373.D

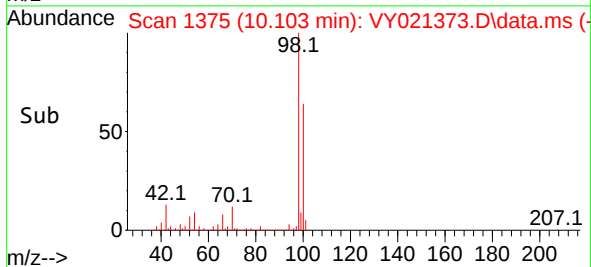
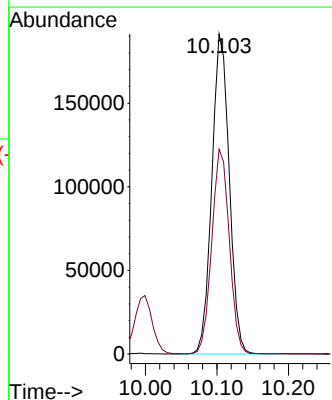
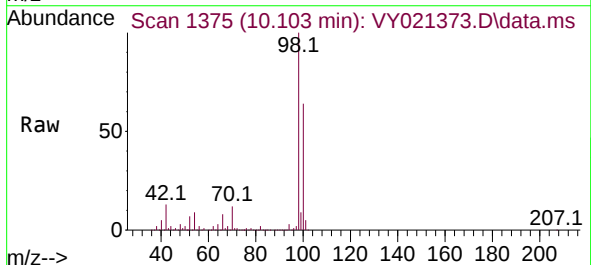
Acq: 27 Feb 2025 21:01

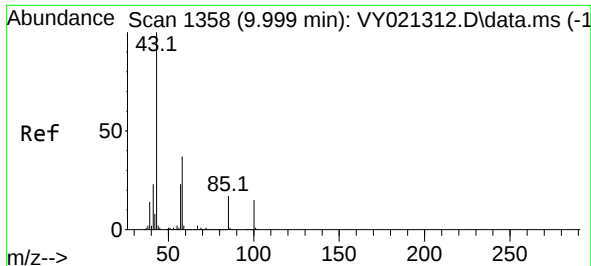
Tgt Ion: 98 Resp: 323409

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

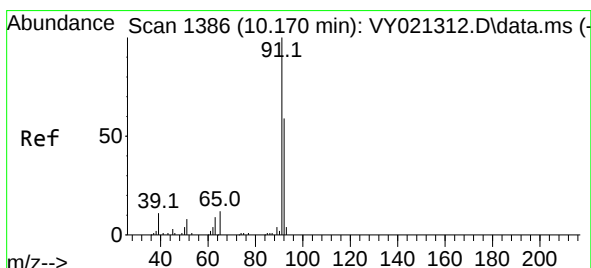
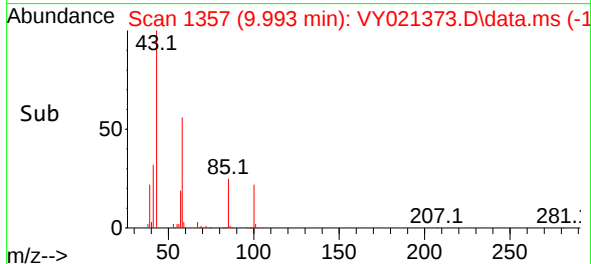
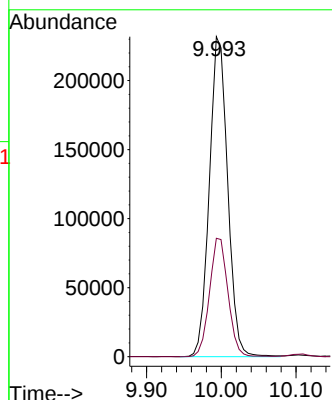
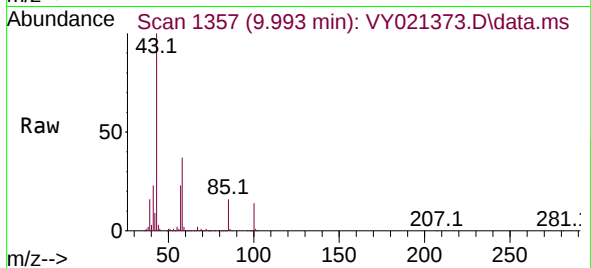




#51
4-Methyl-2-Pentanone
Concen: 293.536 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

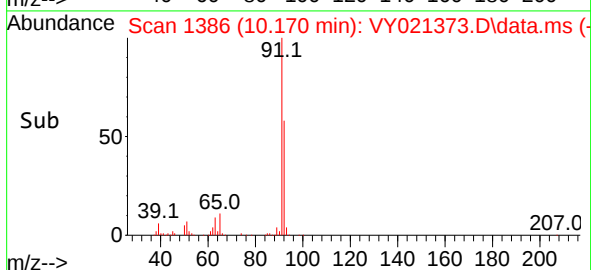
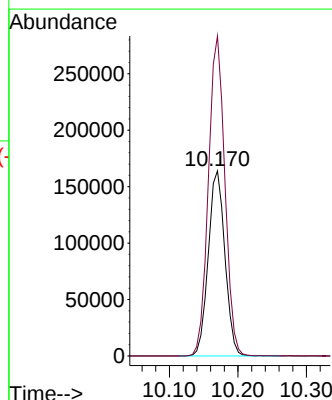
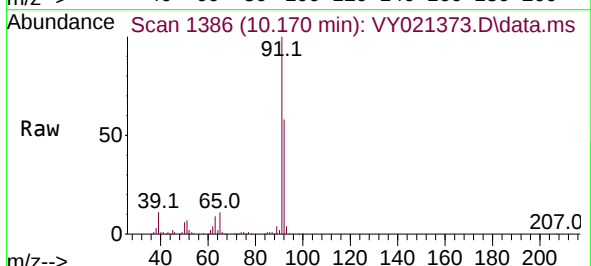
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

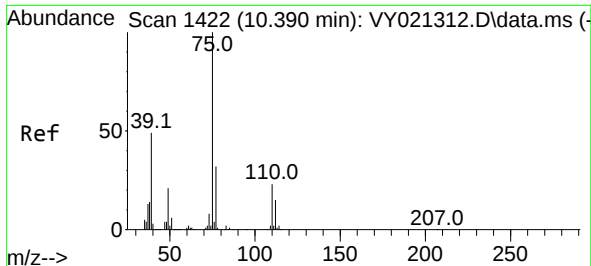
Tgt Ion: 43 Resp: 395179
Ion Ratio Lower Upper
43 100
58 37.3 30.1 45.1



#52
Toluene
Concen: 55.144 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 92 Resp: 276614
Ion Ratio Lower Upper
92 100
91 171.2 137.8 206.8

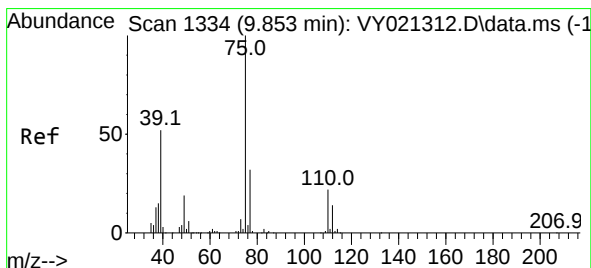
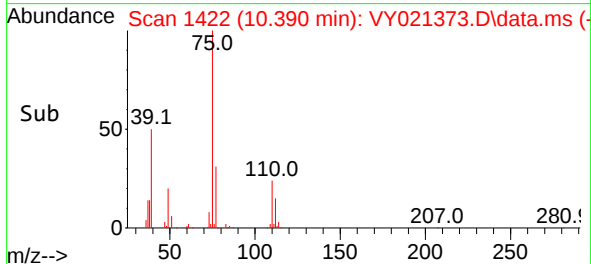
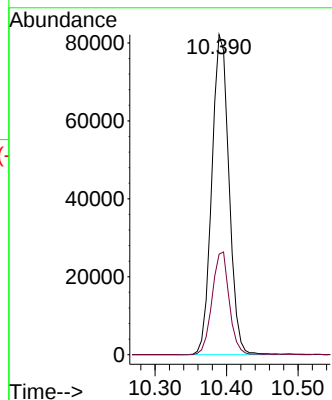
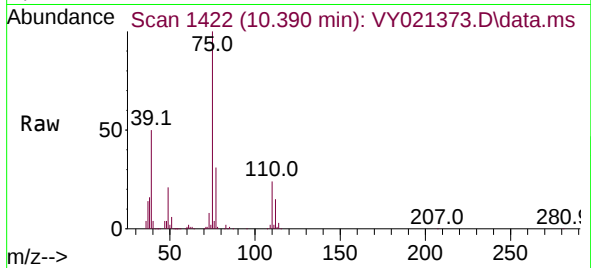




#53
t-1,3-Dichloropropene
Concen: 52.804 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

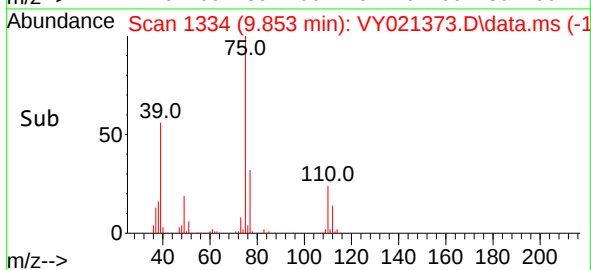
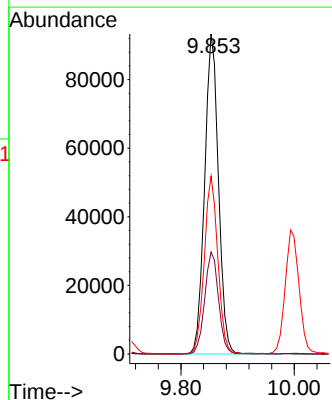
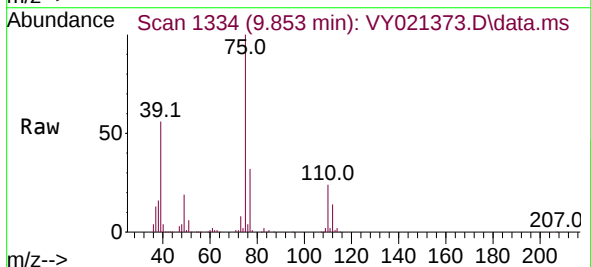
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

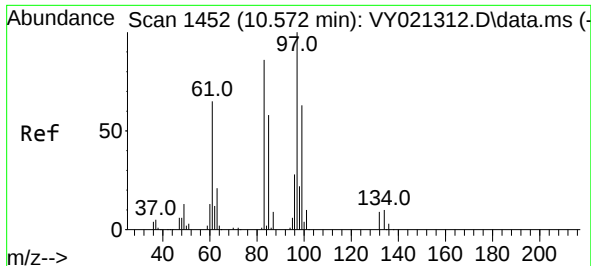
Tgt Ion: 75 Resp: 137017
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.534 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 75 Resp: 157865
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 55.5 41.8 62.6

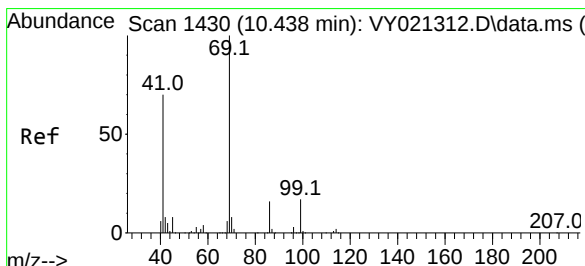
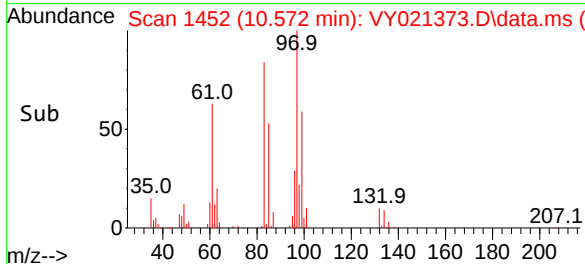
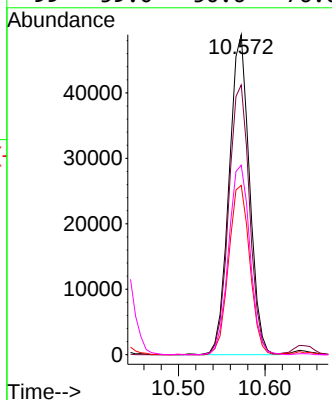
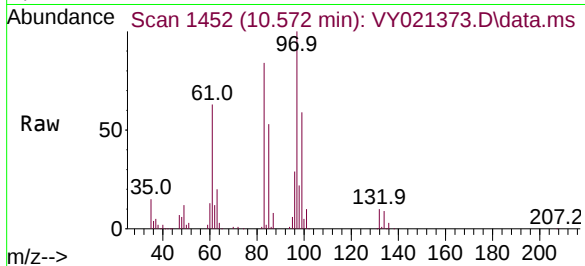




#55
1,1,2-Trichloroethane
Concen: 57.848 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

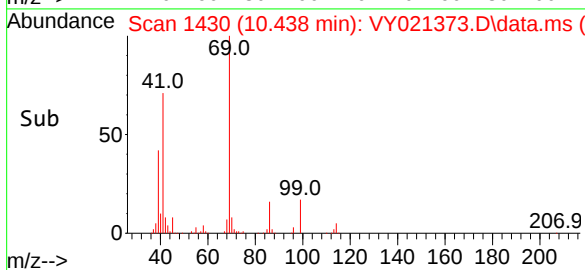
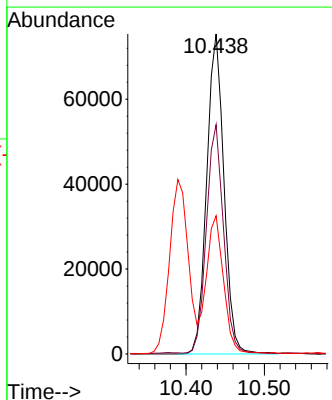
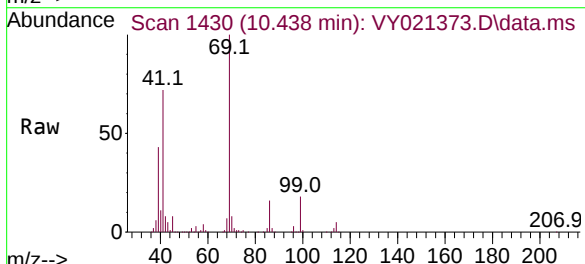
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

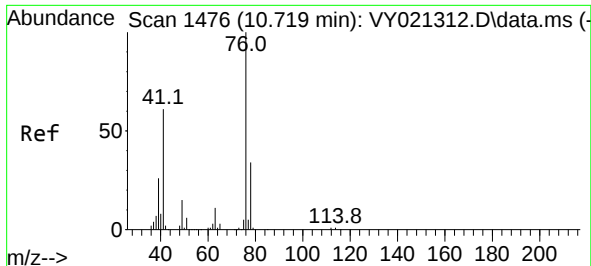
Tgt Ion: 97	Resp: 80047
Ion Ratio	Lower Upper
97 100	
83 84.3	68.7 103.1
85 52.9	46.3 69.5
99 59.0	50.6 76.0



#56
Ethyl methacrylate
Concen: 60.208 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 69	Resp: 115118
Ion Ratio	Lower Upper
69 100	
41 70.8	56.2 84.4
39 42.5	32.7 49.1





#57

1,3-Dichloropropane

Concen: 57.893 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

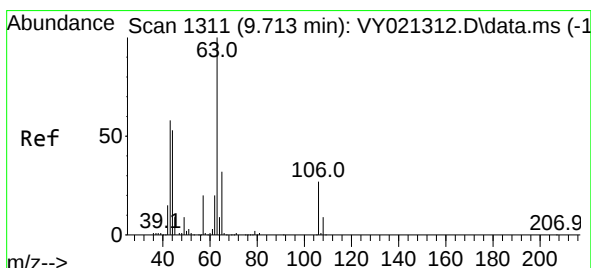
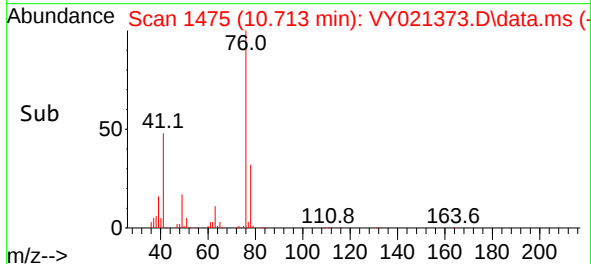
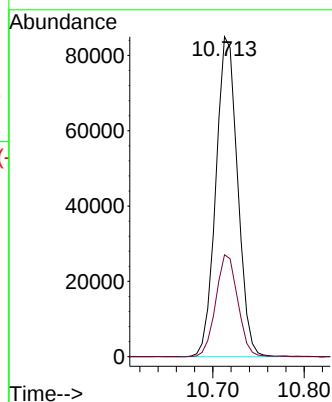
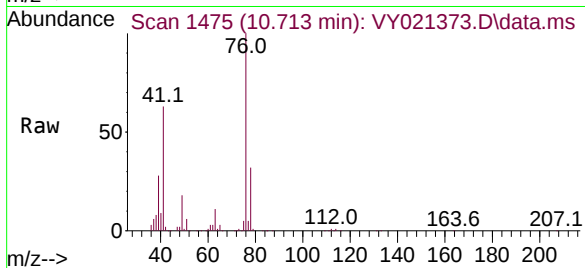
VSTDCCC050EC

Tgt Ion: 76 Resp: 140574

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 286.633 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021373.D

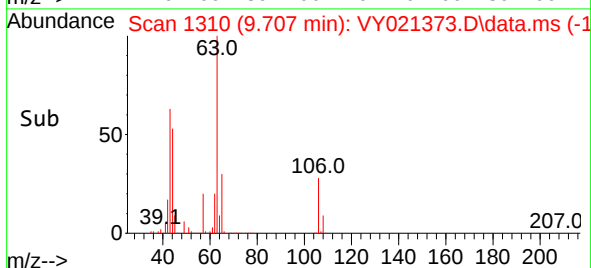
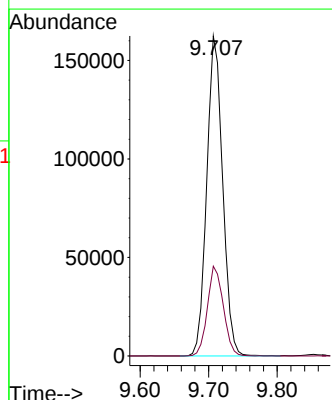
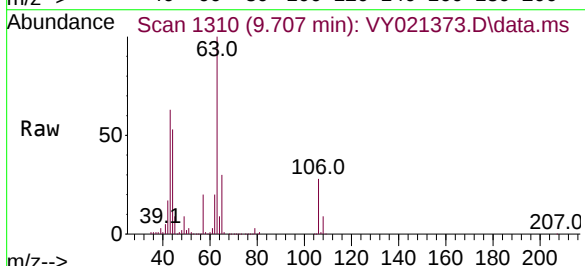
Acq: 27 Feb 2025 21:01

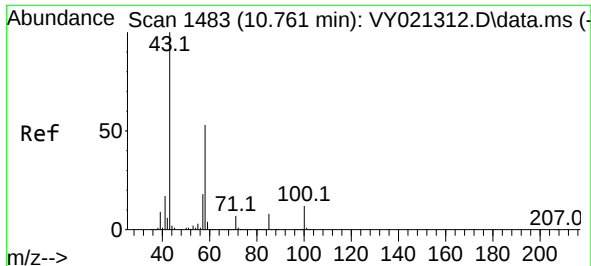
Tgt Ion: 63 Resp: 263051

Ion Ratio Lower Upper

63 100

106 28.0 21.7 32.5

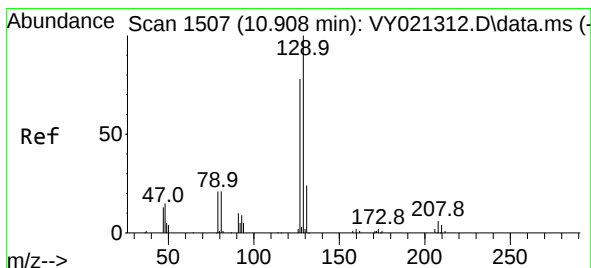
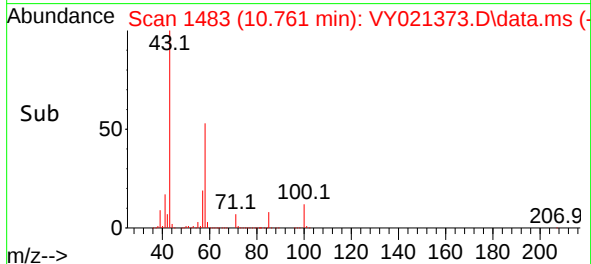
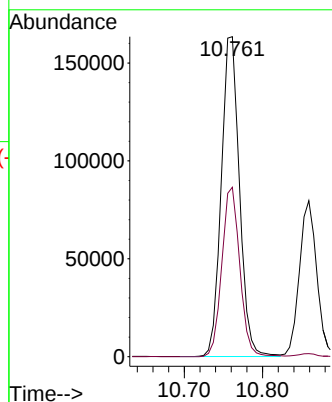
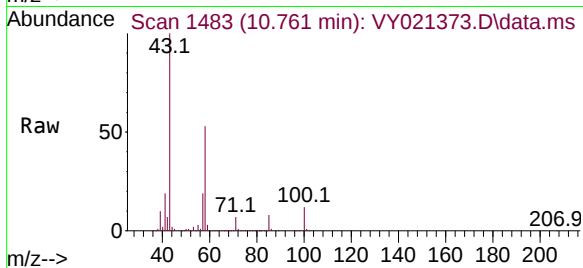




#59
2-Hexanone
Concen: 299.159 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

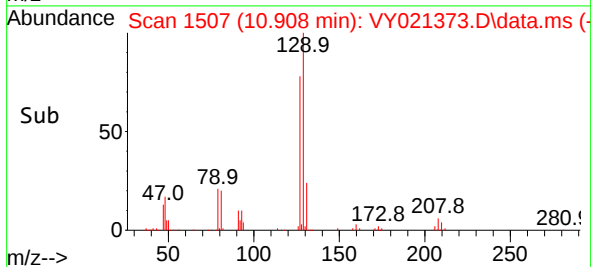
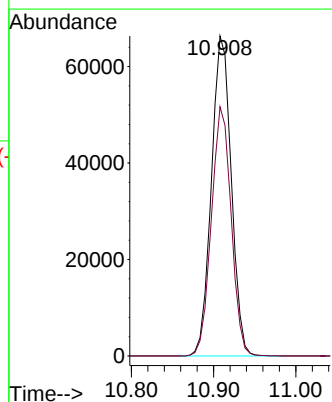
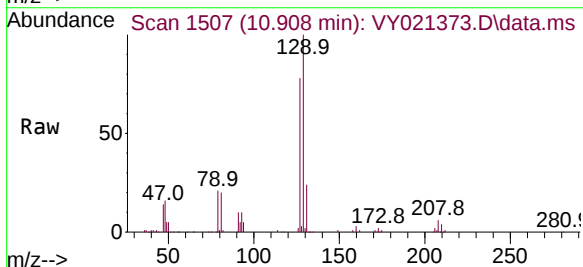
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

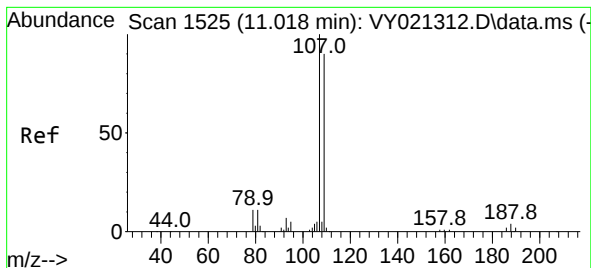
Tgt Ion: 43 Resp: 264505
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.6



#60
Dibromochloromethane
Concen: 58.992 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 129 Resp: 111175
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

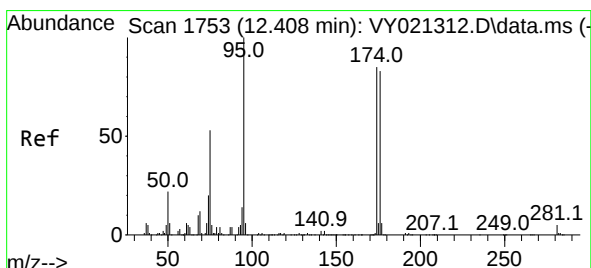
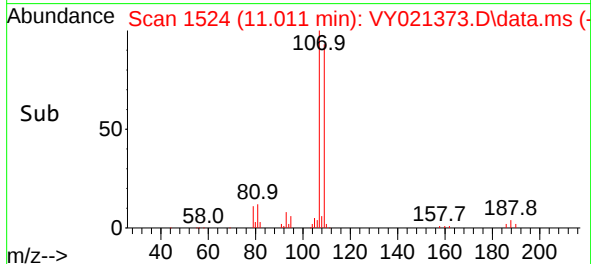
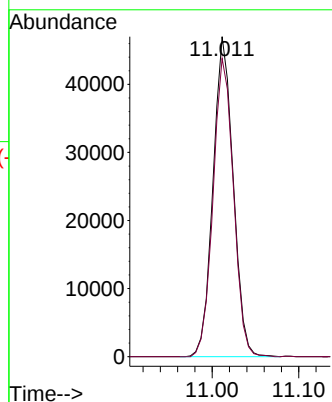
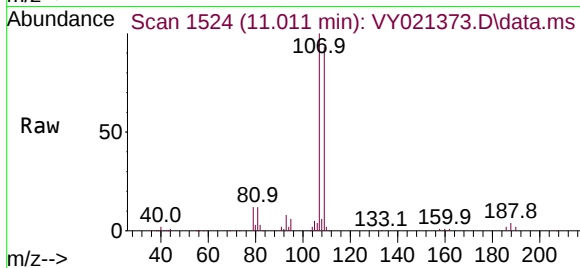




#61
1,2-Dibromoethane
Concen: 58.055 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

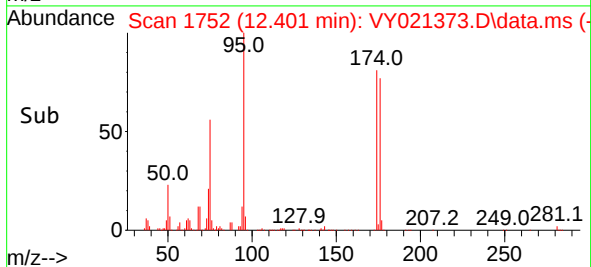
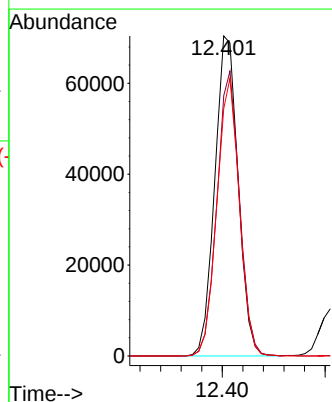
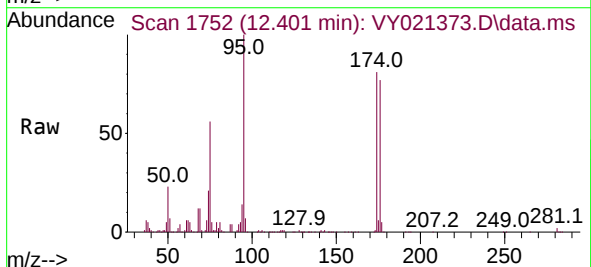
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

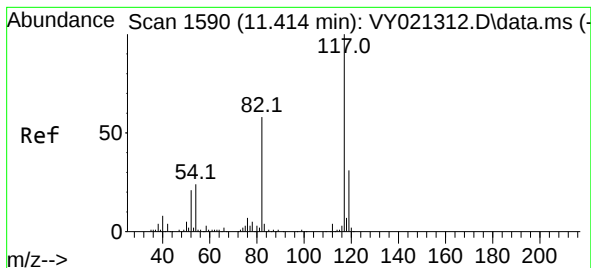
Tgt Ion:107 Resp: 76053
Ion Ratio Lower Upper
107 100
109 94.1 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 46.840 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 95 Resp: 110786
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 83.3 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

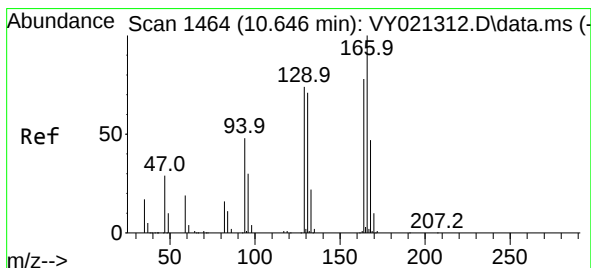
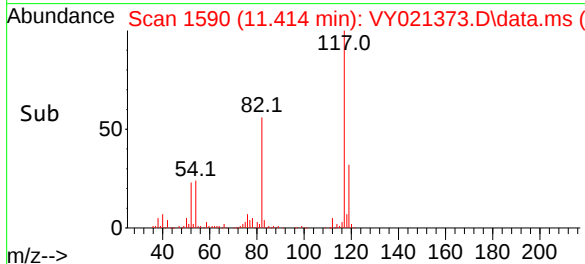
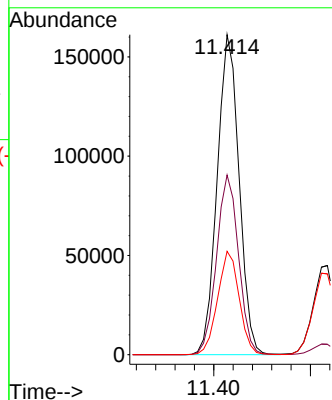
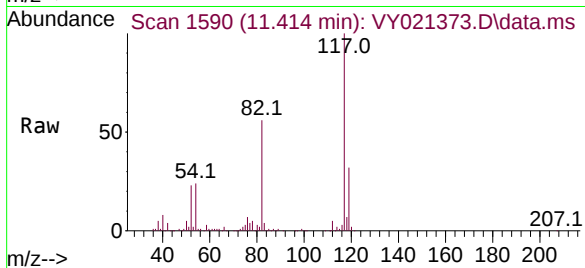
Tgt Ion:117 Resp: 253471

Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 32.3 24.9 37.3



#64

Tetrachloroethene

Concen: 51.661 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Tgt Ion:164 Resp: 98974

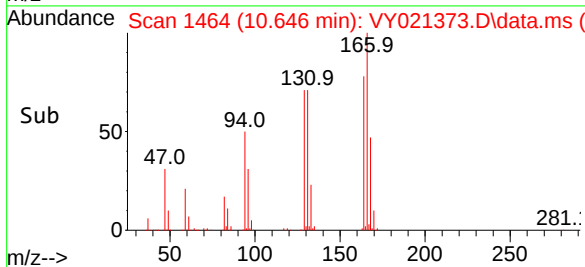
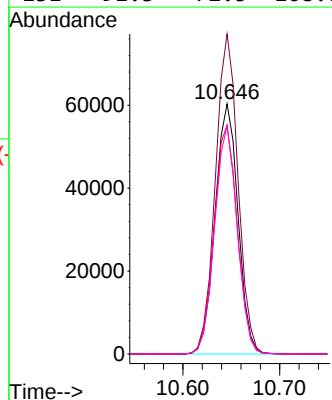
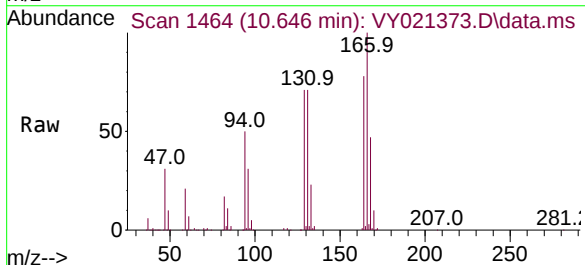
Ion Ratio Lower Upper

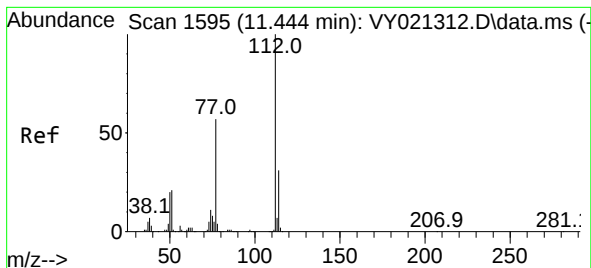
164 100

166 127.9 101.9 152.9

129 91.3 75.5 113.3

131 91.3 72.5 108.7

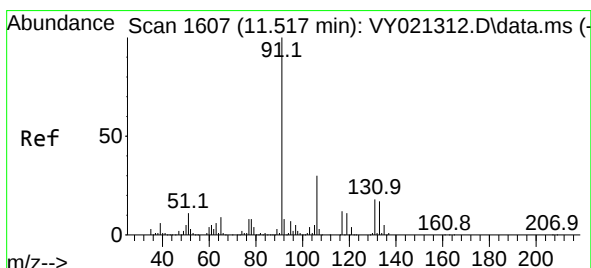
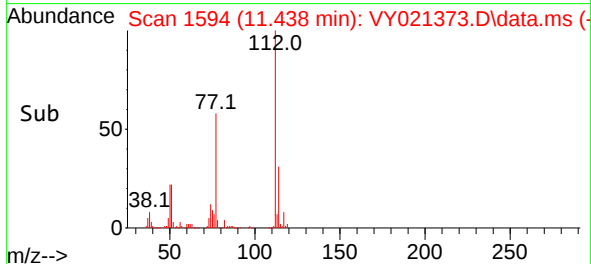
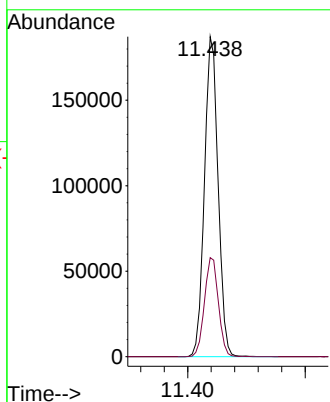
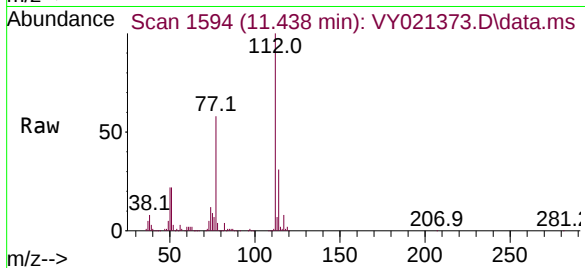




#65
Chlorobenzene
Concen: 53.031 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

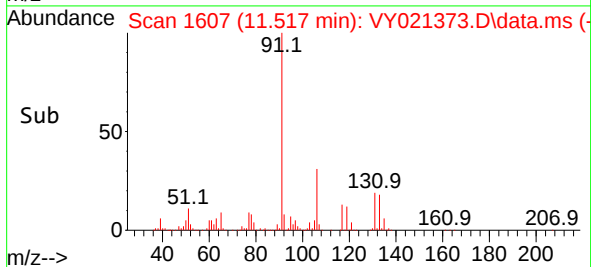
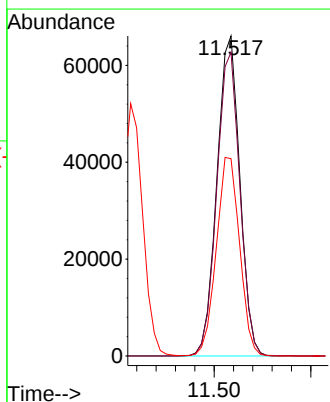
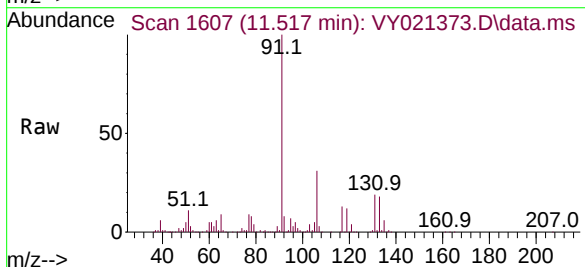
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

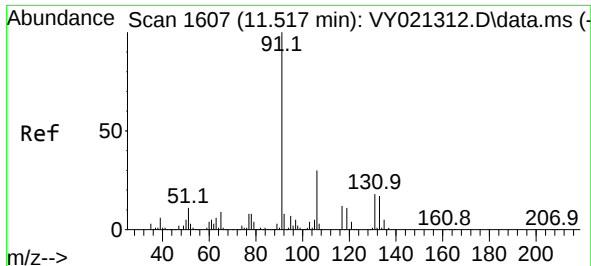
Tgt Ion:112 Resp: 301732
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.455 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:131 Resp: 108490
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.2 31.7 95.1





#67

Ethyl Benzene

Concen: 51.965 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

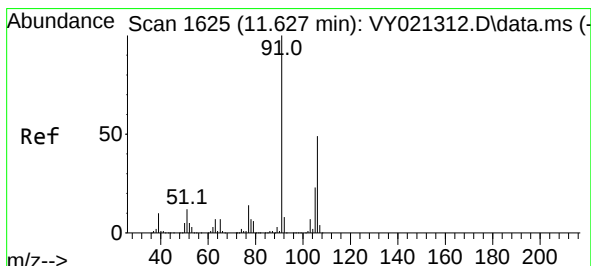
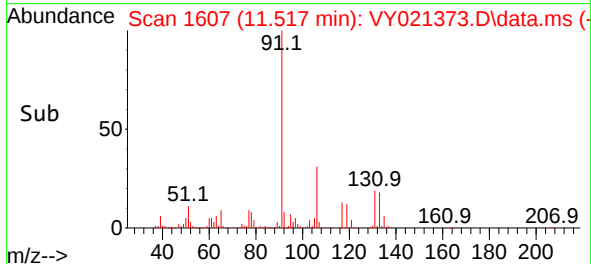
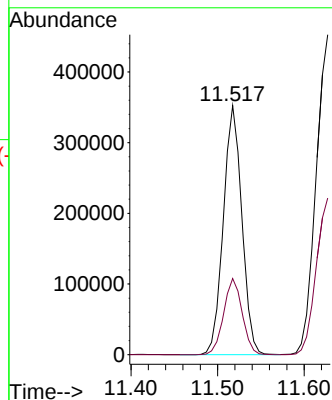
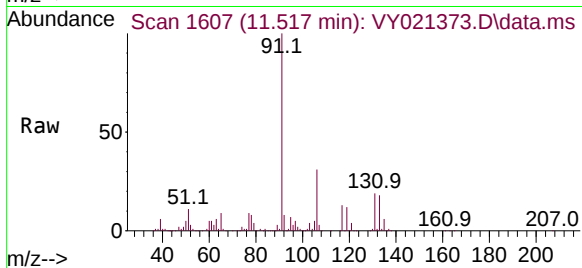
VSTDCCC050EC

Tgt Ion: 91 Resp: 523714

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 104.062 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021373.D

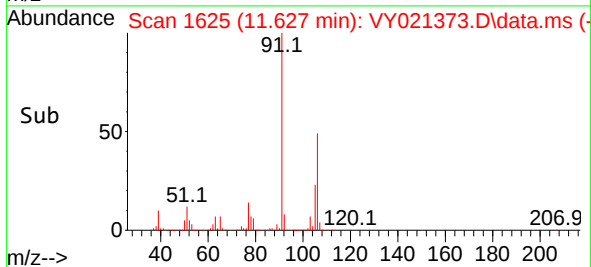
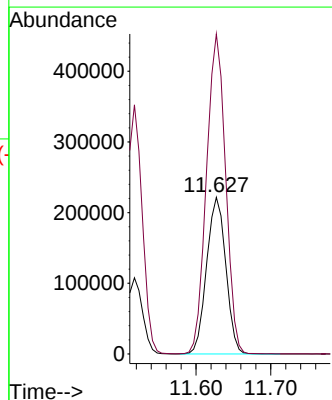
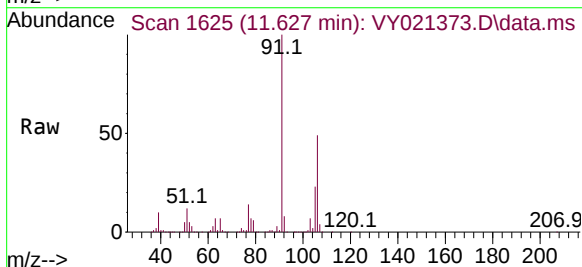
Acq: 27 Feb 2025 21:01

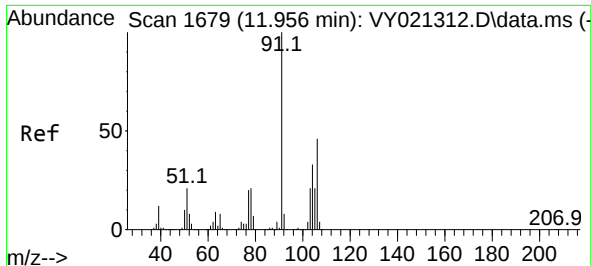
Tgt Ion:106 Resp: 394475

Ion Ratio Lower Upper

106 100

91 204.1 163.9 245.9

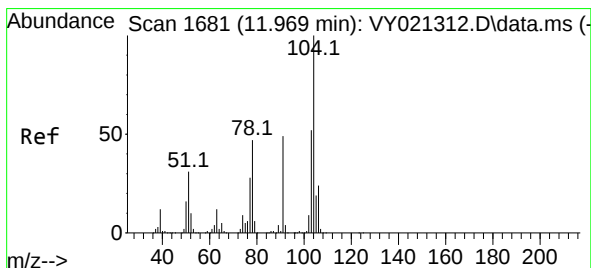
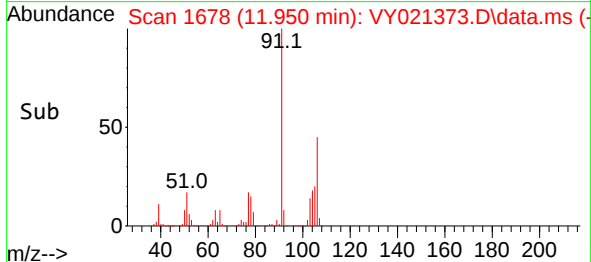
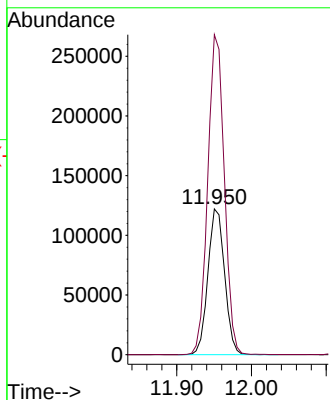
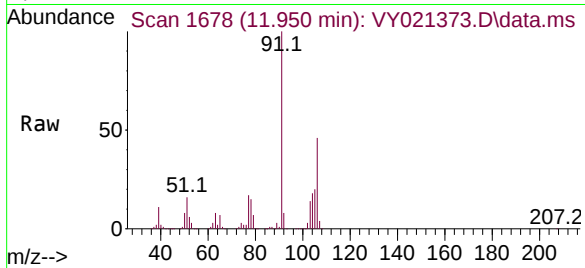




#69
o-Xylene
Concen: 53.424 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

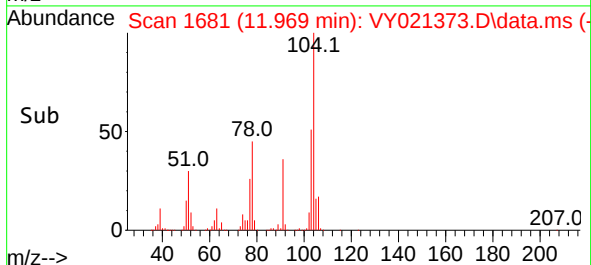
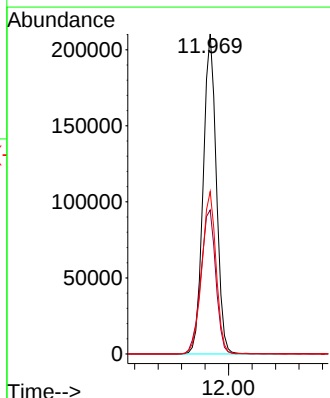
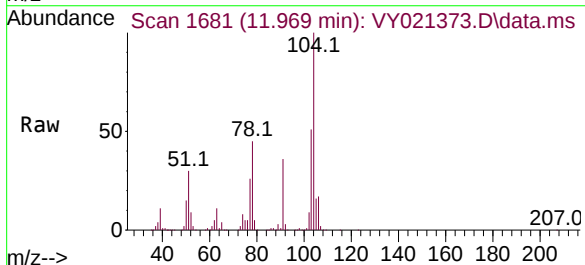
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

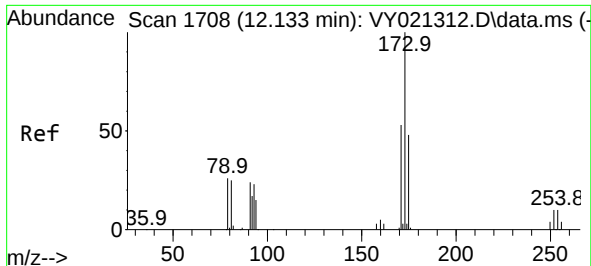
Tgt Ion:106 Resp: 189722
Ion Ratio Lower Upper
106 100
91 218.0 108.1 324.2



#70
Styrene
Concen: 55.403 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:104 Resp: 327351
Ion Ratio Lower Upper
104 100
78 51.1 41.3 61.9
103 54.8 43.9 65.9

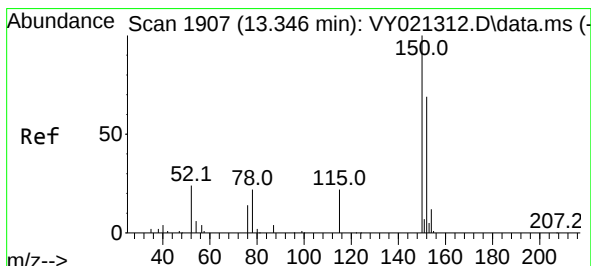
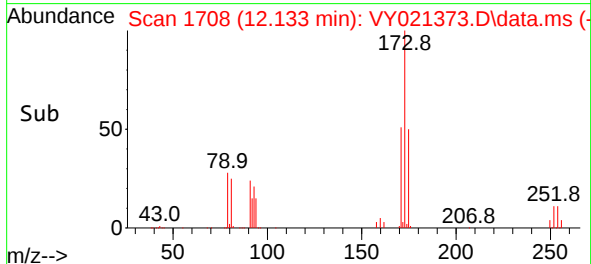
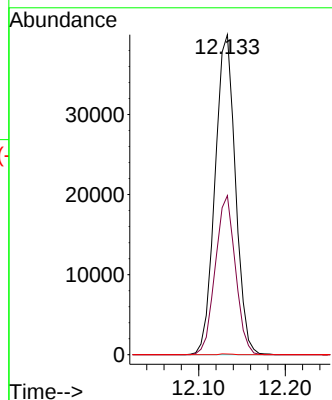
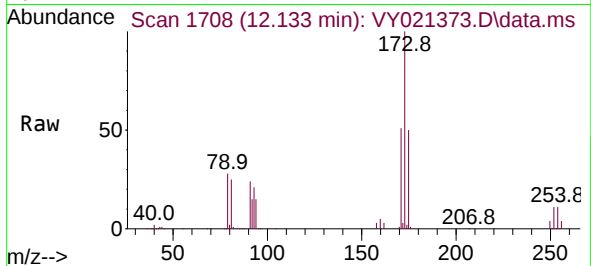




#71
Bromoform
Concen: 57.325 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

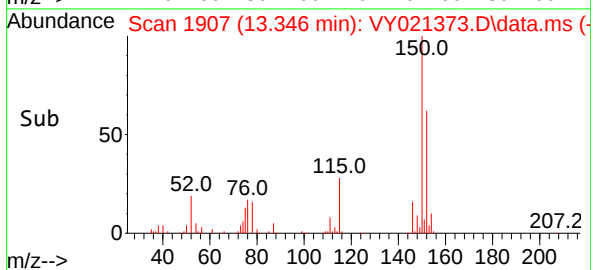
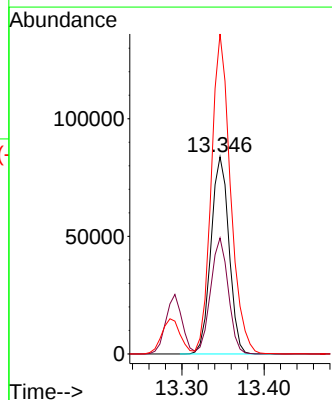
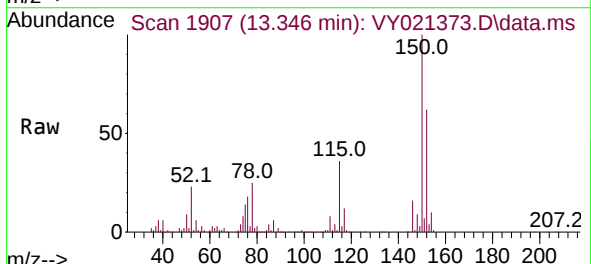
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

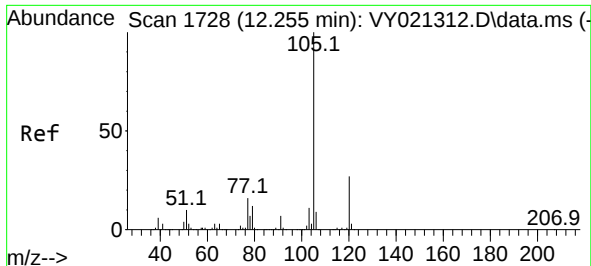
Tgt Ion:173 Resp: 65336
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.3
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:152 Resp: 127550
Ion Ratio Lower Upper
152 100
115 57.4 29.3 88.0
150 173.3 0.0 347.4

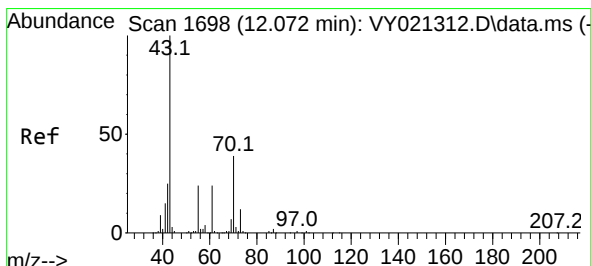
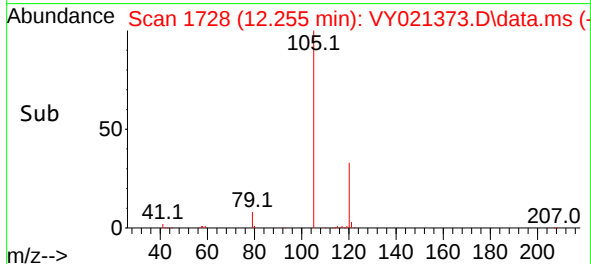
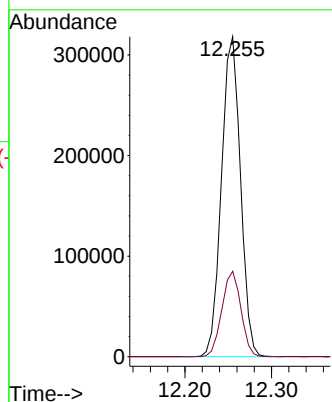
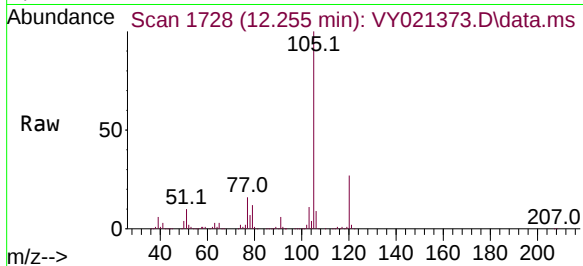




#73
Isopropylbenzene
Concen: 50.633 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

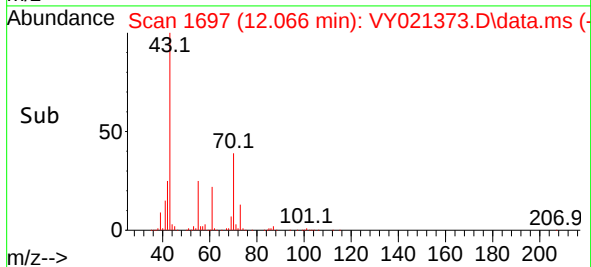
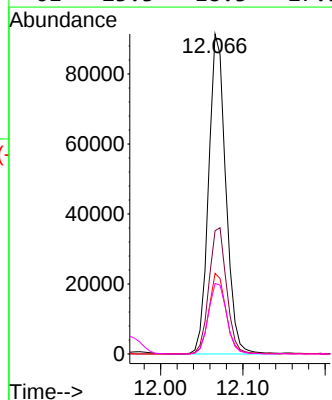
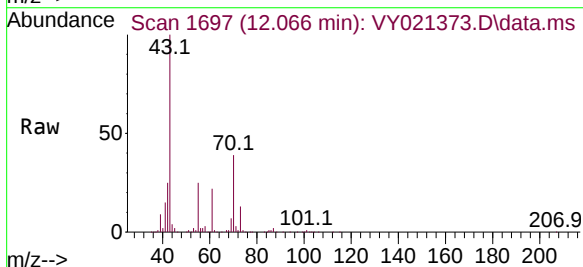
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

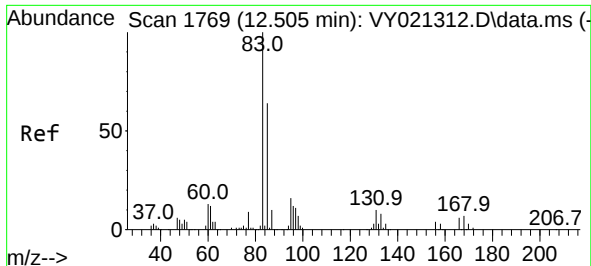
Tgt Ion:105 Resp: 485525
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#74
N-ethyl acetate
Concen: 54.464 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 43 Resp: 132748
Ion Ratio Lower Upper
43 100
70 40.5 32.2 48.2
55 25.2 19.6 29.4
61 23.3 18.3 27.5

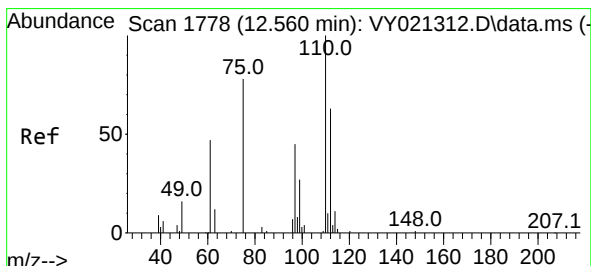
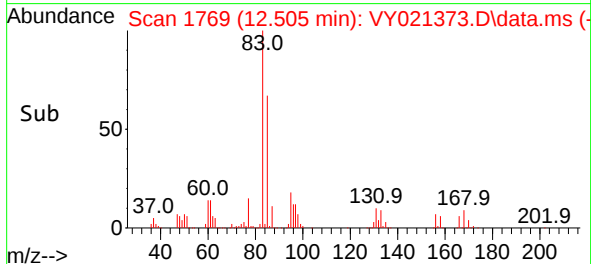
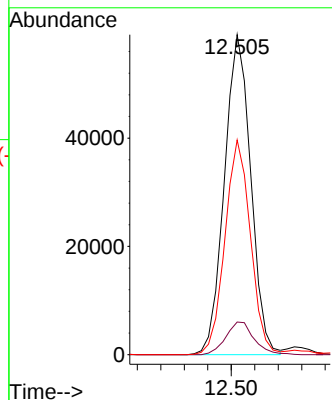
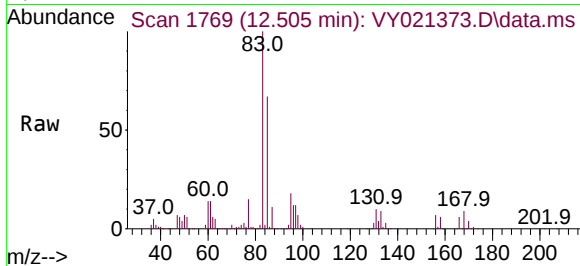




#75
1,1,2,2-Tetrachloroethane
Concen: 54.482 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

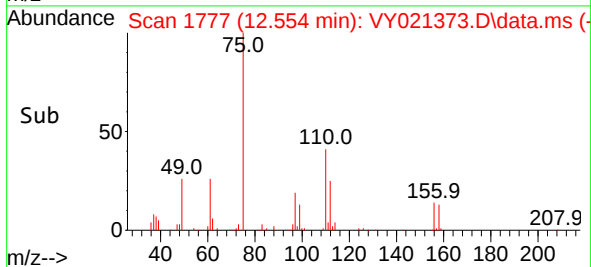
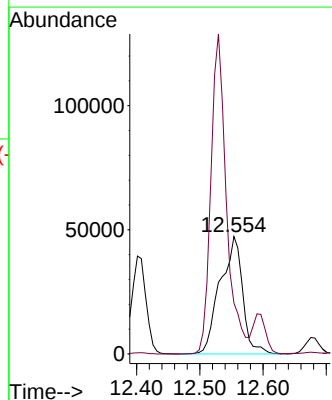
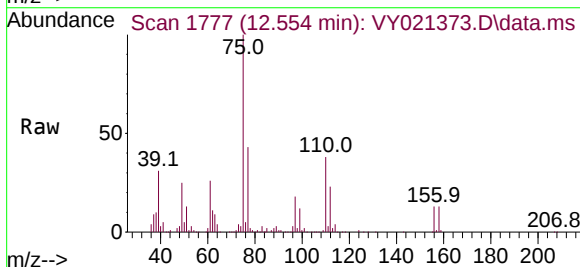
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

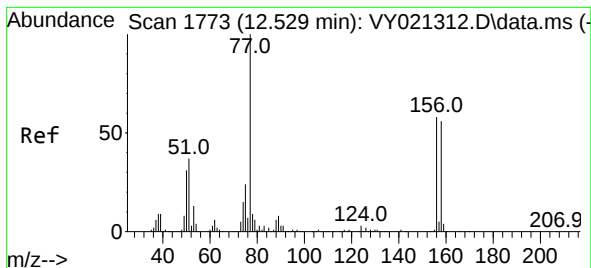
Tgt Ion: 83 Resp: 92203
Ion Ratio Lower Upper
83 100
131 11.0 5.2 15.6
85 64.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 91.754 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 75 Resp: 117143
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.489 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

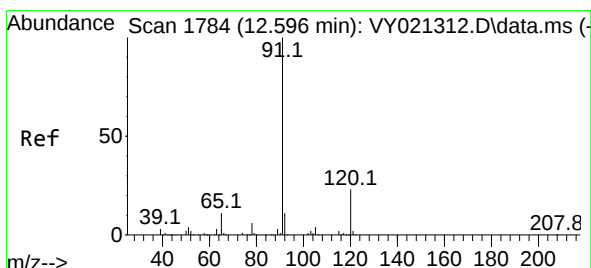
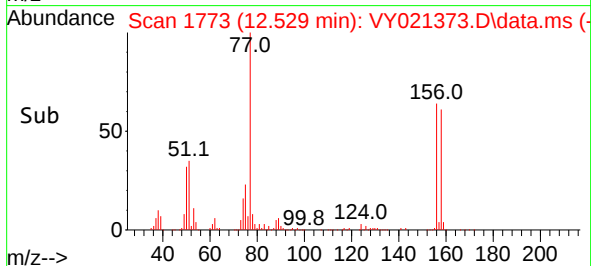
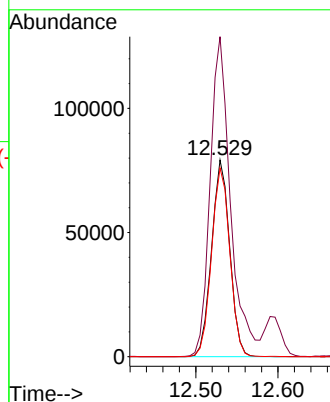
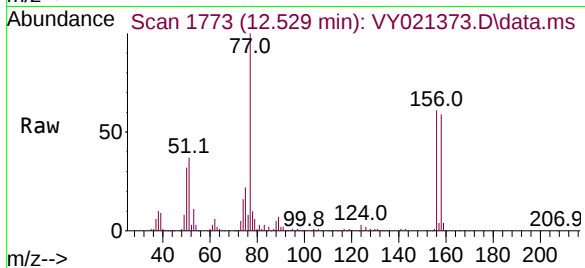
Tgt Ion:156 Resp: 121531

Ion Ratio Lower Upper

156 100

77 183.1 94.0 282.1

158 96.7 48.7 146.1



#78

n-propylbenzene

Concen: 49.874 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY021373.D

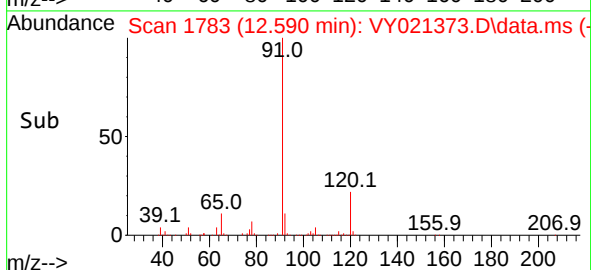
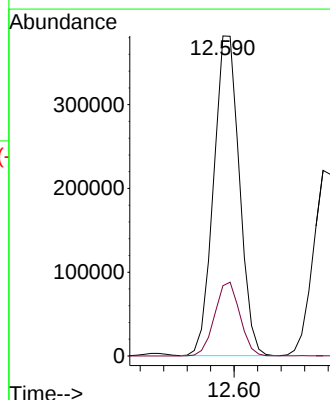
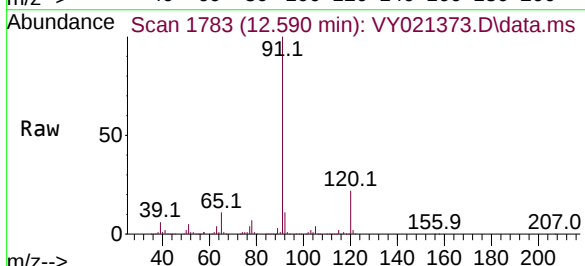
Acq: 27 Feb 2025 21:01

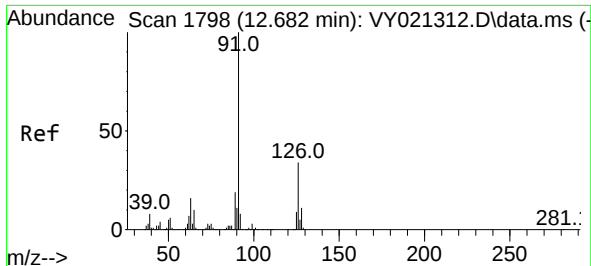
Tgt Ion: 91 Resp: 580348

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5

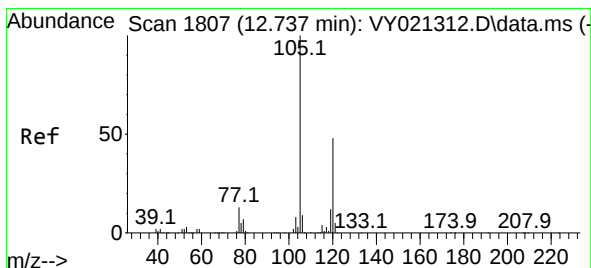
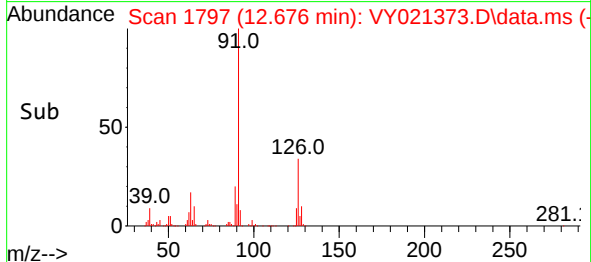
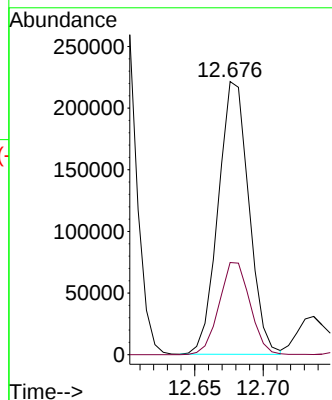
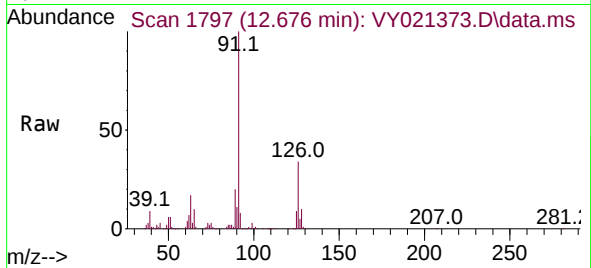




#79
2-Chlorotoluene
Concen: 51.667 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

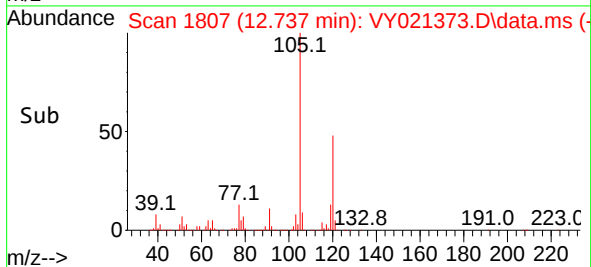
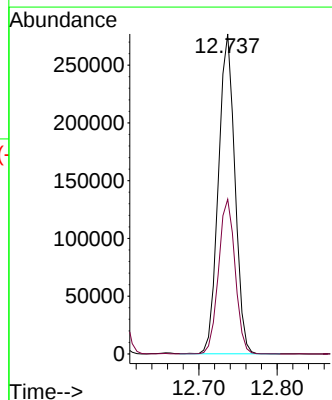
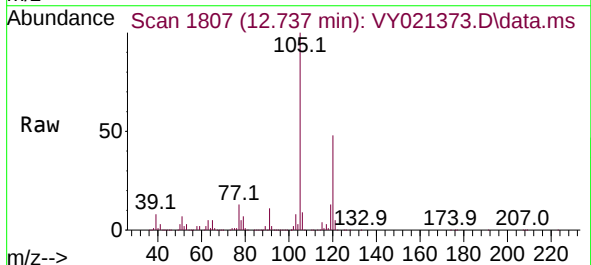
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

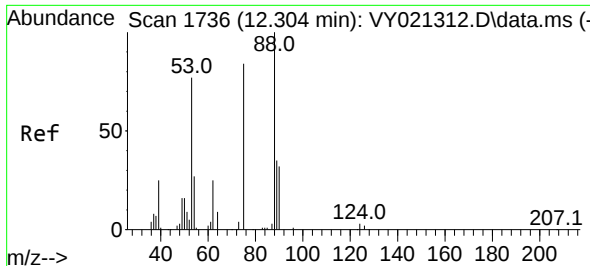
Tgt Ion: 91 Resp: 345034
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.476 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:105 Resp: 404844
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0

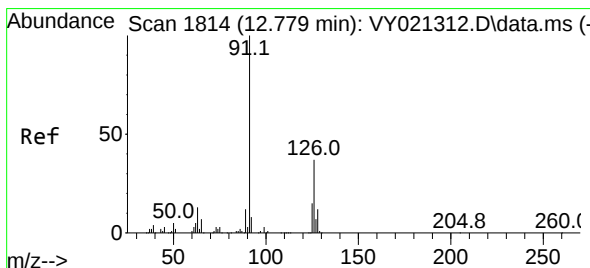
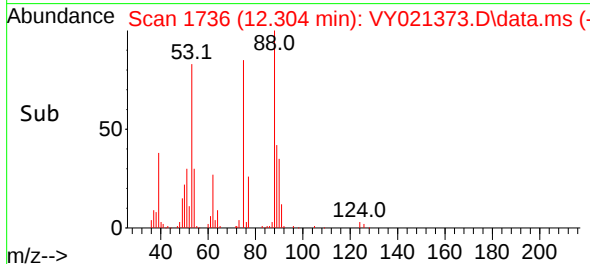
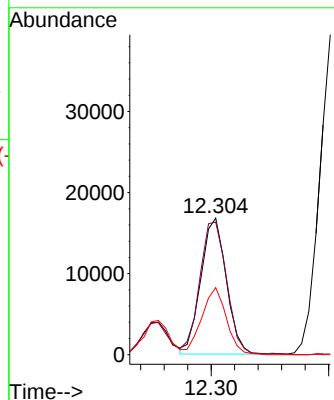
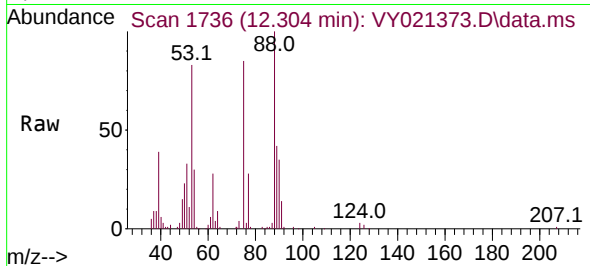




#81
trans-1,4-Dichloro-2-butene
Concen: 43.953 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

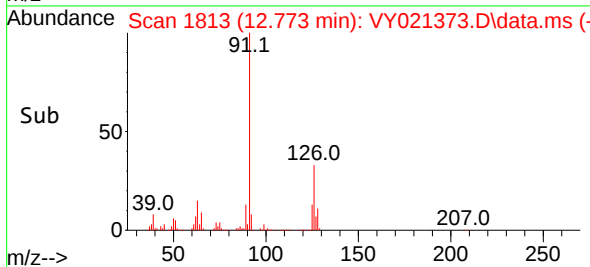
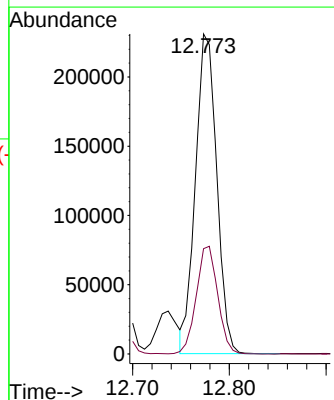
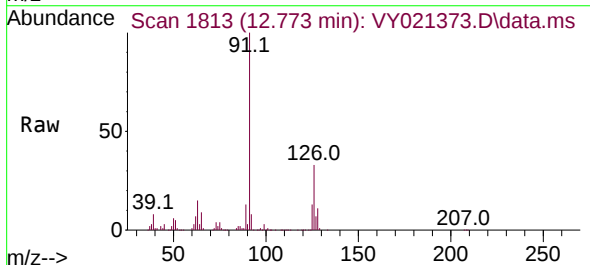
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

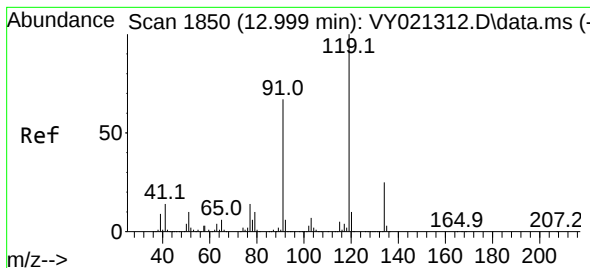
Tgt Ion: 75 Resp: 25247
Ion Ratio Lower Upper
75 100
53 103.9 79.1 118.7
89 48.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.166 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 91 Resp: 354201
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4





#83

tert-Butylbenzene

Concen: 51.076 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

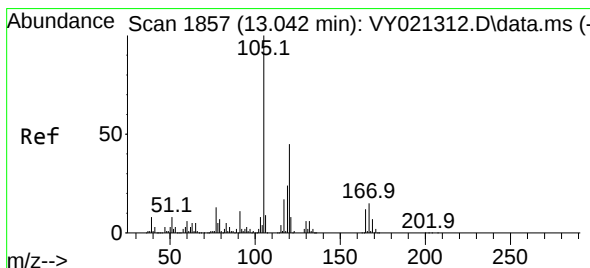
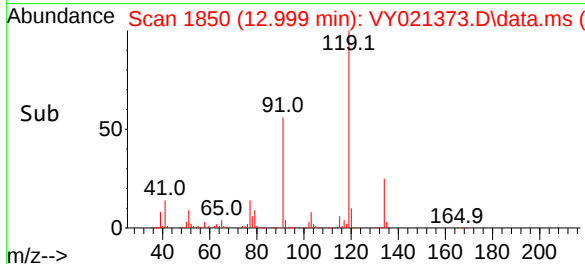
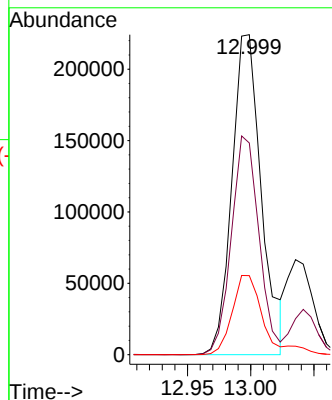
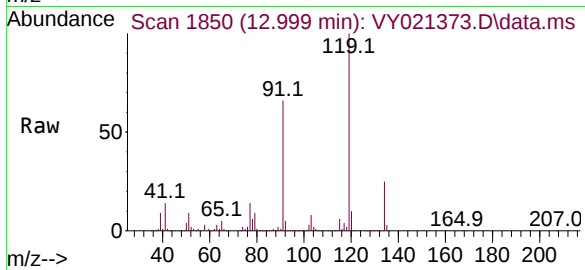
Tgt Ion:119 Resp: 362857

Ion Ratio Lower Upper

119 100

91 64.6 32.7 98.1

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.585 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021373.D

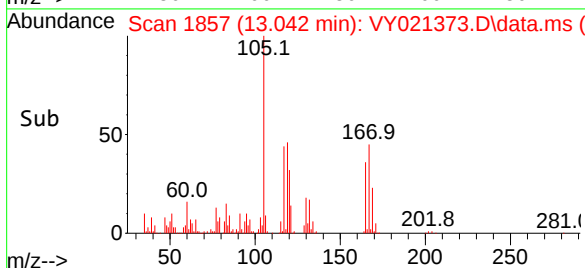
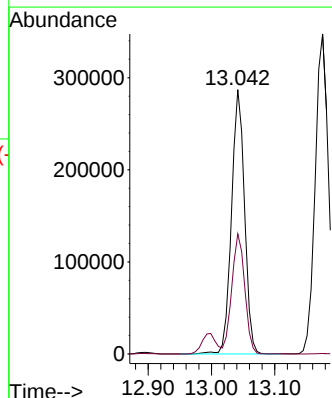
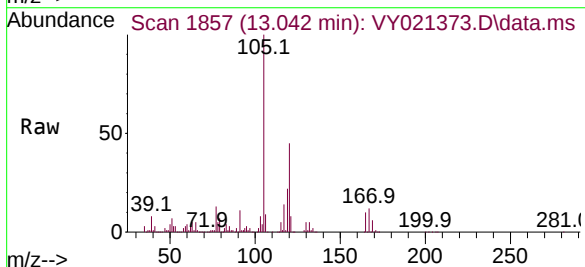
Acq: 27 Feb 2025 21:01

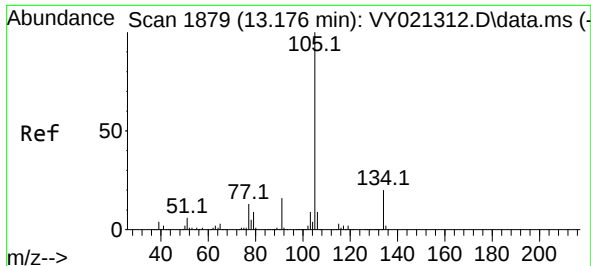
Tgt Ion:105 Resp: 411310

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.3

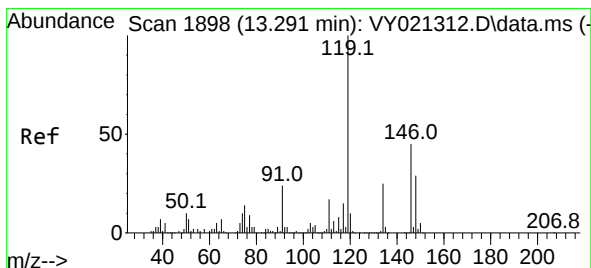
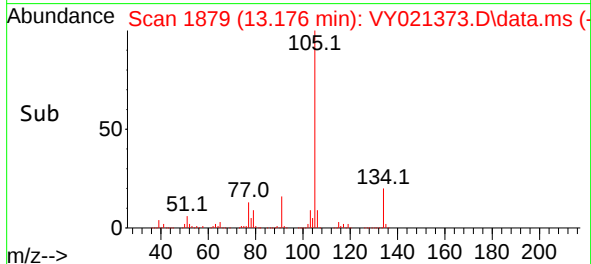
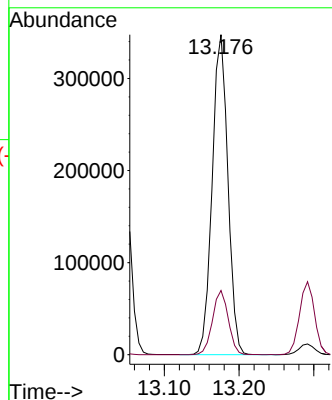
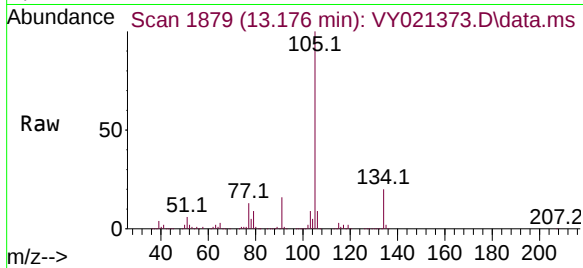




#85
 sec-Butylbenzene
 Concen: 48.956 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

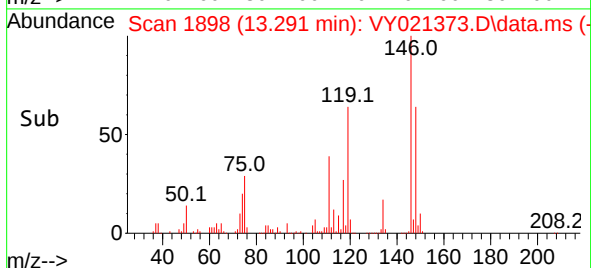
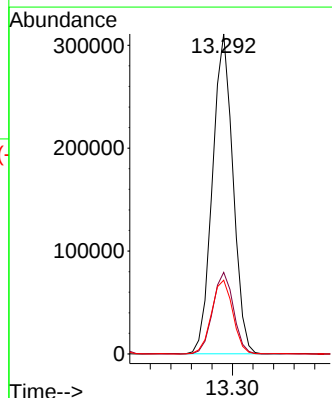
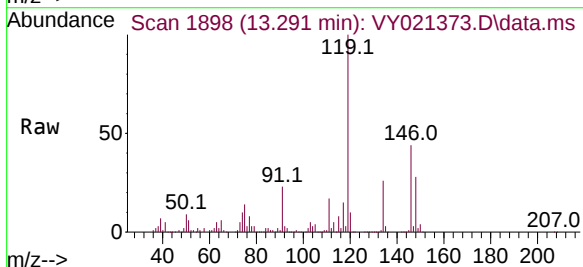
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

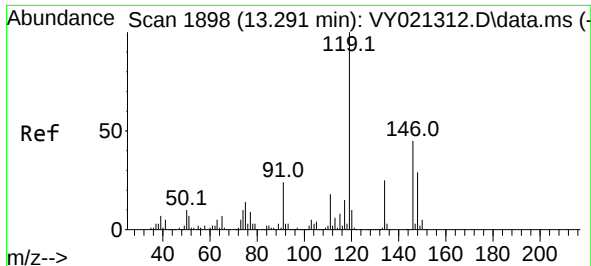
Tgt Ion:105 Resp: 508019
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.742 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

Tgt Ion:119 Resp: 431010
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.9 12.0 36.1

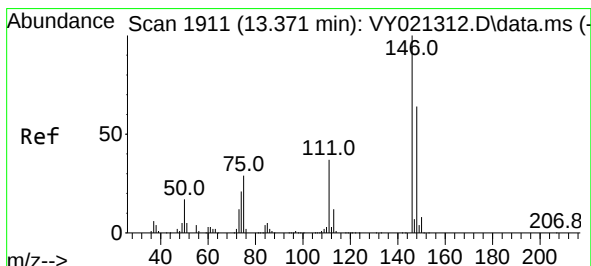
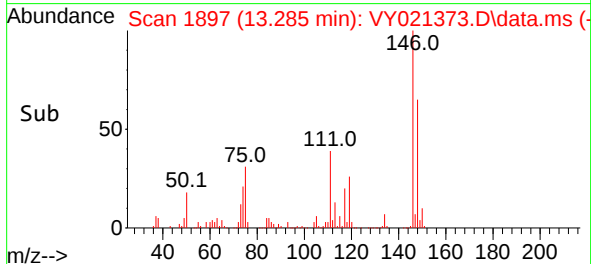
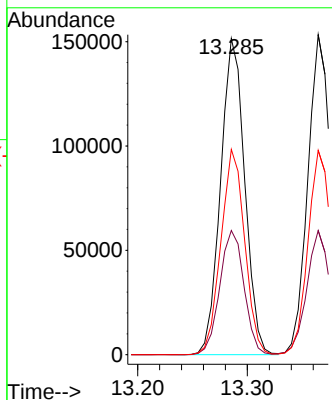
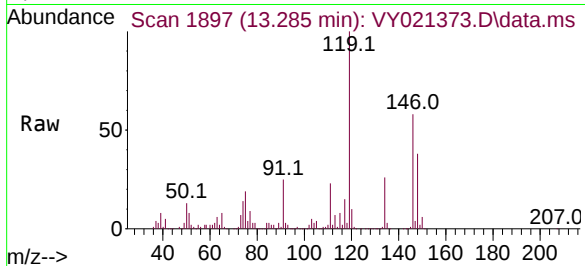




#87
1,3-Dichlorobenzene
Concen: 52.538 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

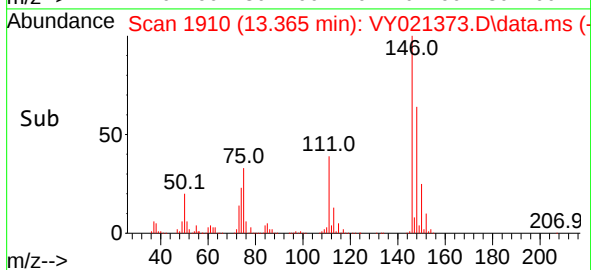
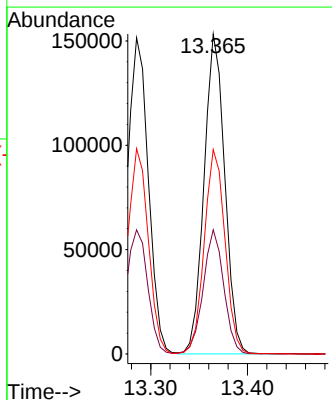
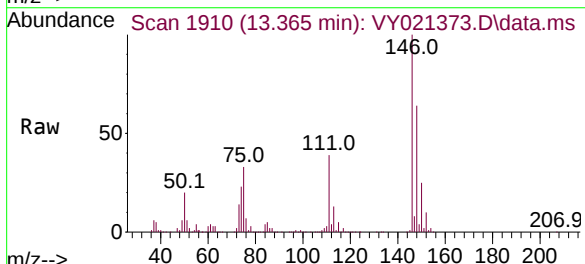
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

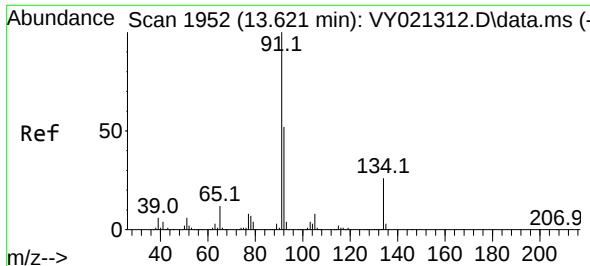
Tgt Ion:146 Resp: 231798
Ion Ratio Lower Upper
146 100
111 39.4 20.0 59.9
148 64.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 52.383 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:146 Resp: 228312
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 64.1 32.0 96.2

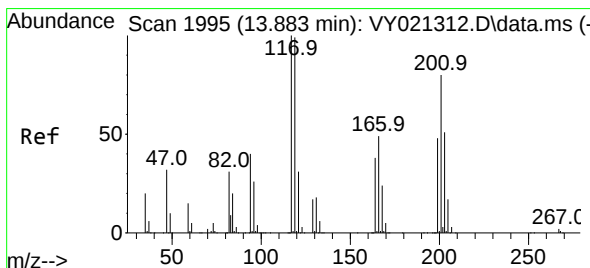
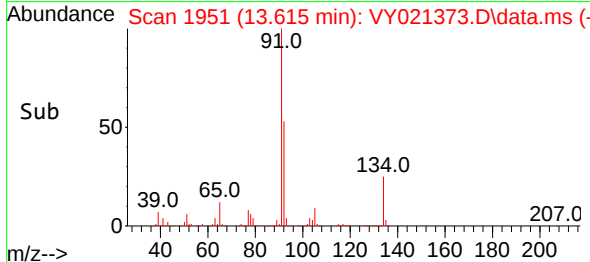
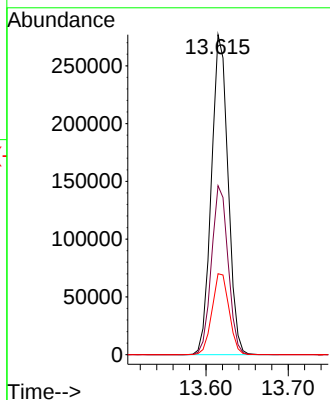
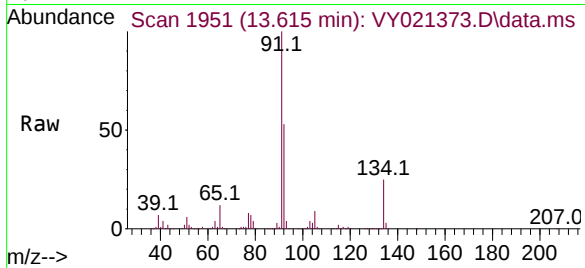




#89
n-Butylbenzene
Concen: 47.717 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

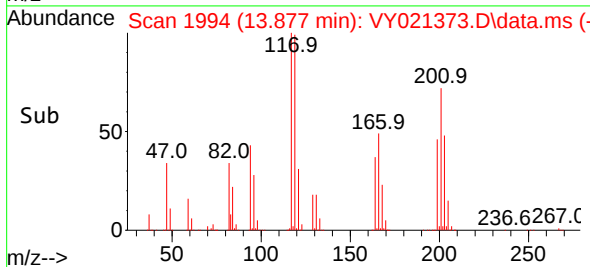
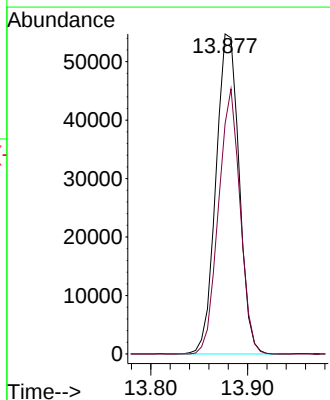
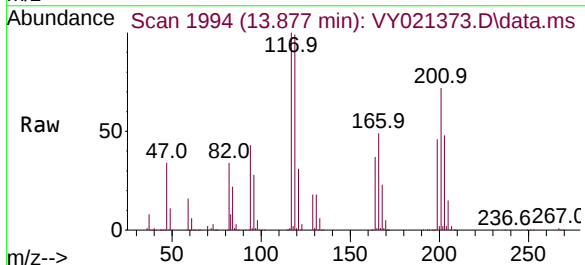
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

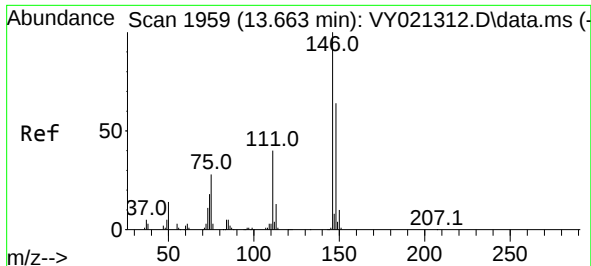
Tgt Ion: 91 Resp: 389088
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 26.0 12.7 38.0



#90
Hexachloroethane
Concen: 50.238 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion: 117 Resp: 90928
Ion Ratio Lower Upper
117 100
201 77.3 38.4 115.2

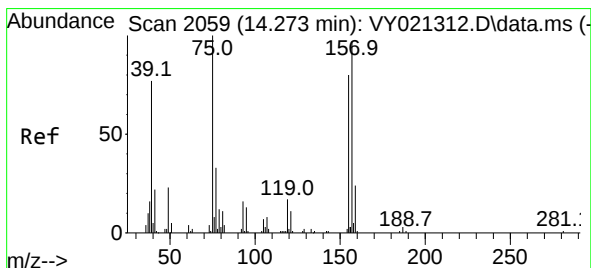
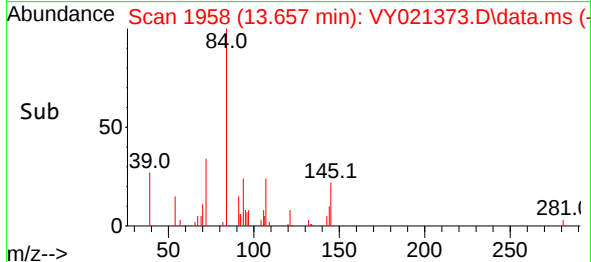
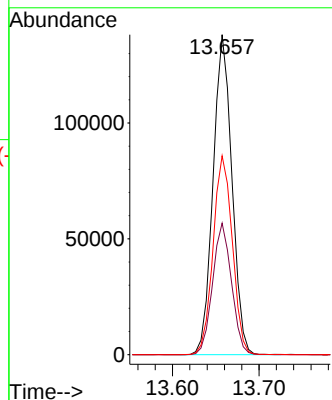
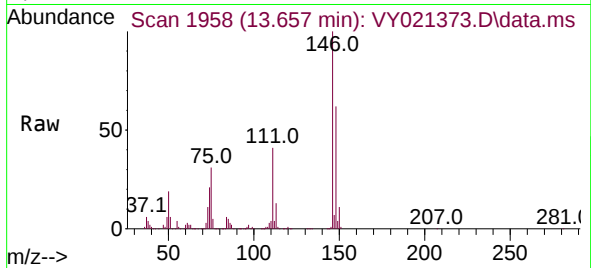




#91
 1,2-Dichlorobenzene
 Concen: 54.058 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

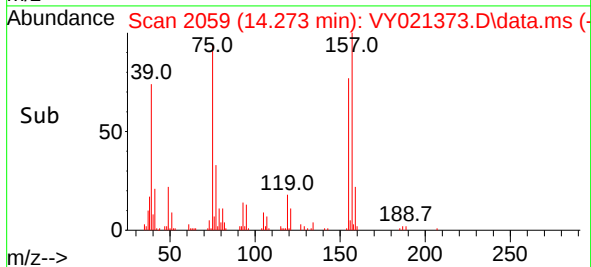
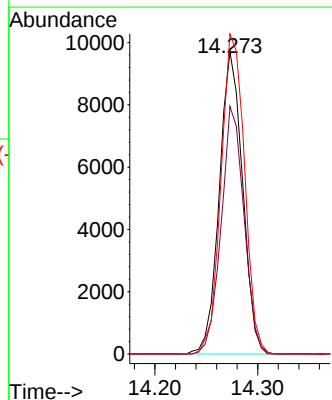
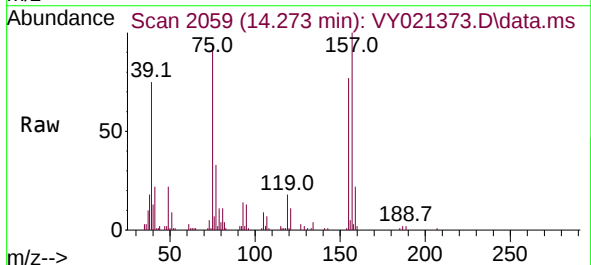
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

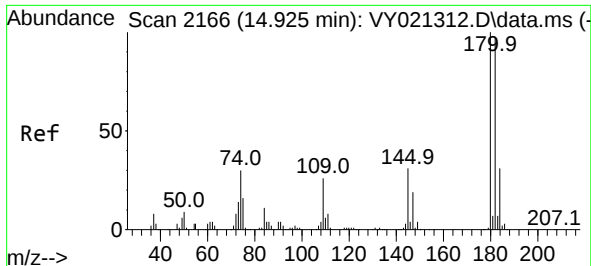
Tgt Ion:146 Resp: 208959
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.7 62.1
 148 63.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.889 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021373.D
 Acq: 27 Feb 2025 21:01

Tgt Ion: 75 Resp: 15230
 Ion Ratio Lower Upper
 75 100
 155 80.1 41.9 125.6
 157 106.9 52.5 157.6

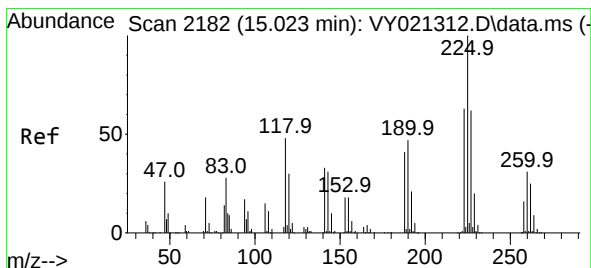
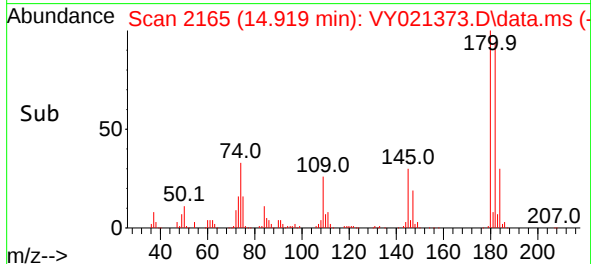
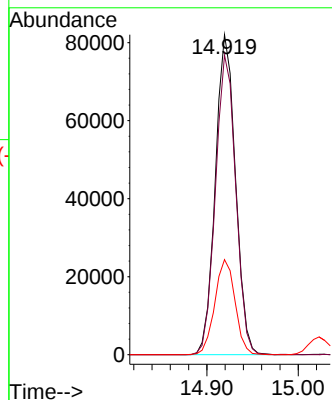
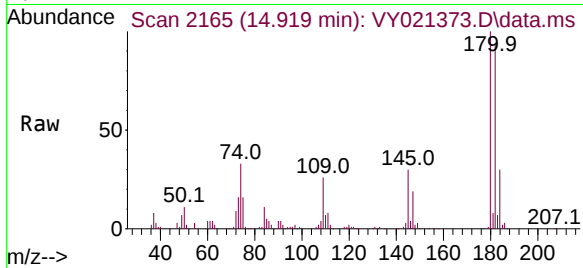




#93
1,2,4-Trichlorobenzene
Concen: 53.216 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

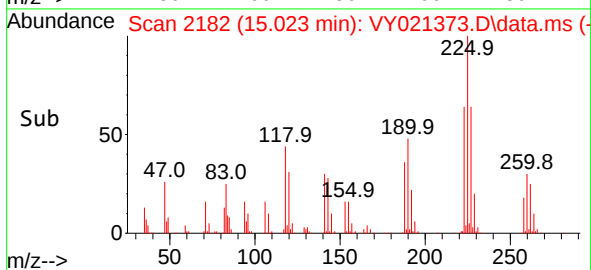
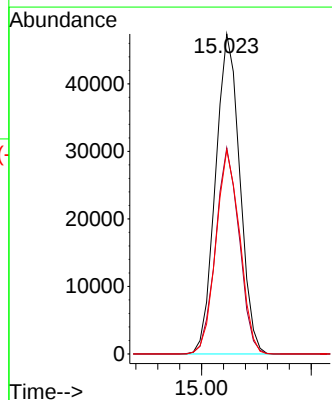
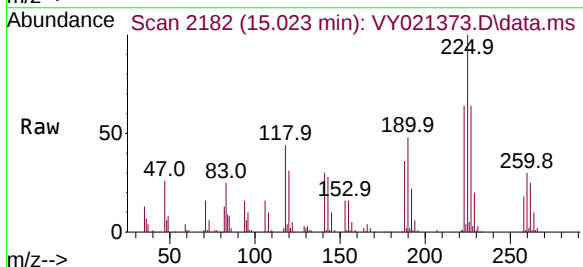
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

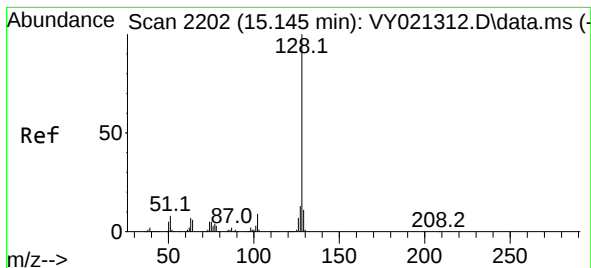
Tgt Ion:180 Resp: 125550
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.7
145 29.9 15.6 46.8



#94
Hexachlorobutadiene
Concen: 49.014 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021373.D
Acq: 27 Feb 2025 21:01

Tgt Ion:225 Resp: 72801
Ion Ratio Lower Upper
225 100
223 62.4 31.8 95.4
227 62.6 31.9 95.7





#95

Naphthalene

Concen: 59.630 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

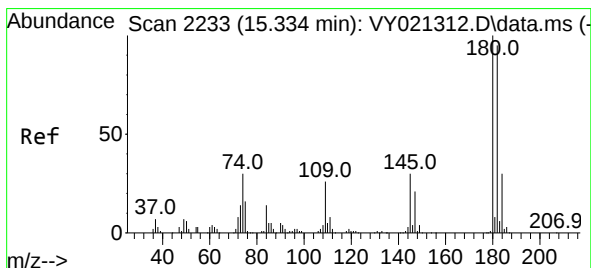
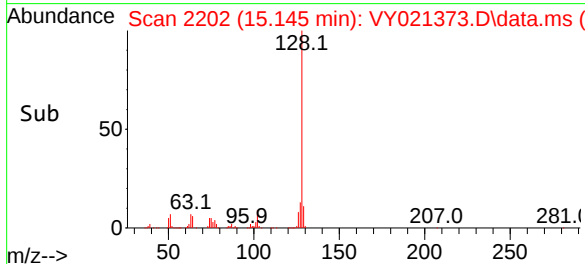
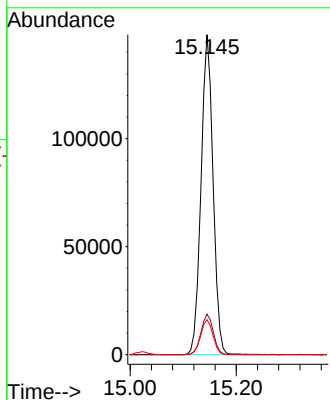
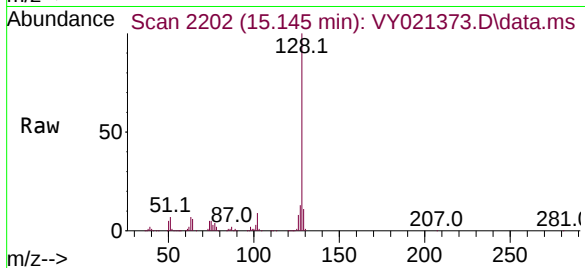
Tgt Ion:128 Resp: 233022

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.474 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021373.D

Acq: 27 Feb 2025 21:01

Tgt Ion:180 Resp: 112571

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.9

145 31.9 16.1 48.3

