

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021394.D
 Acq On : 28 Feb 2025 20:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 28 22:25:48 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	191604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	317108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120757	55.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.120%	
35) Dibromofluoromethane	7.634	113	113211	54.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.103	98	426333	53.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.407	95	146096	54.029	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	82811	45.585	ug/l	98
3) Chloromethane	2.068	50	138847	59.182	ug/l	99
4) Vinyl Chloride	2.202	62	148397	64.443	ug/l	97
5) Bromomethane	2.592	94	101775	66.509	ug/l	98
6) Chloroethane	2.732	64	101805	71.292	ug/l	100
7) Trichlorofluoromethane	3.055	101	184165	52.956	ug/l	94
8) Diethyl Ether	3.452	74	57220	54.819	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.811	101	99452	49.394	ug/l	99
10) Methyl Iodide	4.007	142	119978	56.639	ug/l	99
11) Tert butyl alcohol	4.860	59	34470	206.175	ug/l	98
12) 1,1-Dichloroethene	3.787	96	97465	50.555	ug/l	98
13) Acrolein	3.647	56	4519	35.272	ug/l	97
14) Allyl chloride	4.385	41	165497	48.418	ug/l	98
15) Acrylonitrile	5.061	53	125193	271.276	ug/l	99
16) Acetone	3.866	43	95432	228.885	ug/l	96
17) Carbon Disulfide	4.104	76	327715	51.192	ug/l	99
18) Methyl Acetate	4.385	43	58063	56.983	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	273315	53.658	ug/l	99
20) Methylene Chloride	4.616	84	120289	53.352	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	116514	54.899	ug/l	95
22) Diisopropyl ether	6.018	45	390892	55.264	ug/l	98
23) Vinyl Acetate	5.957	43	1116342	264.114	ug/l	99
24) 1,1-Dichloroethane	5.915	63	219404	55.035	ug/l	99
25) 2-Butanone	6.890	43	156353	248.469	ug/l	94
26) 2,2-Dichloropropane	6.884	77	143154	39.574	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	135918	56.083	ug/l	94
28) Bromochloromethane	7.244	49	91822	52.054	ug/l	99
29) Tetrahydrofuran	7.262	42	110172	267.851	ug/l	99
30) Chloroform	7.421	83	229677	56.856	ug/l	97
31) Cyclohexane	7.701	56	176077	45.947	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	195061	53.050	ug/l	98
36) 1,1-Dichloropropene	7.835	75	155081	49.660	ug/l	100
37) Ethyl Acetate	6.982	43	76792	49.435	ug/l	99
38) Carbon Tetrachloride	7.817	117	172889	49.245	ug/l	97
39) Methylcyclohexane	9.109	83	179781	45.516	ug/l	98
40) Benzene	8.079	78	492805	53.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	107118	123.333	ug/l #	38
42) 1,2-Dichloroethane	8.158	62	141256	53.933	ug/l	99
43) Isopropyl Acetate	8.195	43	147609	49.093	ug/l	98
44) Trichloroethene	8.865	130	117497	50.838	ug/l	97
45) 1,2-Dichloropropane	9.140	63	118031	53.129	ug/l	98
46) Dibromomethane	9.231	93	67603	55.670	ug/l	98
47) Bromodichloromethane	9.420	83	177110	54.699	ug/l	99
48) Methyl methacrylate	9.219	41	68657	48.830	ug/l	92
49) 1,4-Dioxane	9.225	88	13976	1035.060	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	396229	257.437	ug/l	99
52) Toluene	10.170	92	310182	54.087	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	145797	49.147	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	173470	49.533	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	87784	55.490	ug/l	99
56) Ethyl methacrylate	10.438	69	117064	53.554	ug/l	97
57) 1,3-Dichloropropane	10.719	76	154488	55.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	258376	246.261	ug/l	100
59) 2-Hexanone	10.761	43	262577	259.766	ug/l	97
60) Dibromochloromethane	10.908	129	118305	54.909	ug/l	98
61) 1,2-Dibromoethane	11.011	107	83124	55.501	ug/l	99
64) Tetrachloroethene	10.646	164	109908	49.942	ug/l	98
65) Chlorobenzene	11.438	112	335274	51.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	118539	51.797	ug/l	99
67) Ethyl Benzene	11.517	91	588147	50.804	ug/l	100
68) m/p-Xylenes	11.627	106	451530	103.694	ug/l	99
69) o-Xylene	11.956	106	214309	52.536	ug/l	99
70) Styrene	11.969	104	364990	53.776	ug/l	100
71) Bromoform	12.133	173	67441	51.512	ug/l #	99
73) Isopropylbenzene	12.255	105	546761	48.836	ug/l	100
74) N-amyl acetate	12.072	43	133839	47.031	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	101333	51.284	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	127415	85.477	ug/l #	100
77) Bromobenzene	12.529	156	131969	50.677	ug/l	99
78) n-propylbenzene	12.596	91	673854	49.599	ug/l	100
79) 2-Chlorotoluene	12.682	91	391087	50.158	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	460201	50.117	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27006	40.268	ug/l	95
82) 4-Chlorotoluene	12.779	91	405427	50.161	ug/l	100
83) tert-Butylbenzene	12.999	119	406370	48.992	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	463737	50.779	ug/l	100
85) sec-Butylbenzene	13.176	105	588438	48.567	ug/l	100
86) p-Isopropyltoluene	13.291	119	489393	48.374	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	261031	50.673	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	256010	50.308	ug/l	100
89) n-Butylbenzene	13.621	91	445383	46.782	ug/l	99
90) Hexachloroethane	13.883	117	105196	49.780	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	231661	51.330	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15198	48.622	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	127543	46.302	ug/l	98
94) Hexachlorobutadiene	15.023	225	74774	43.118	ug/l	99
95) Naphthalene	15.145	128	220957	48.428	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	110845	47.627	ug/l	98

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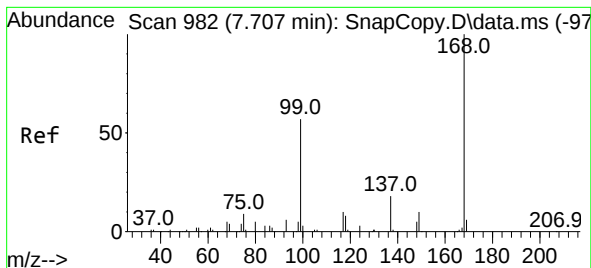
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021394.D

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Instrument :

MSVOA_Y

ClientSampleId :

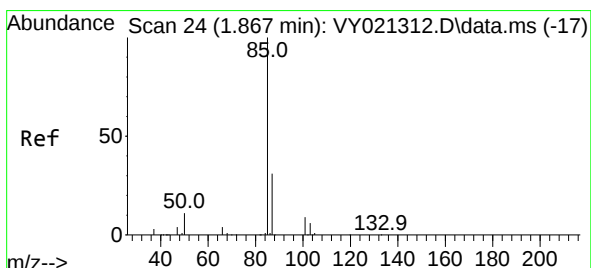
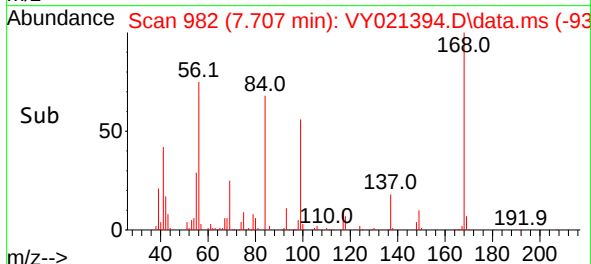
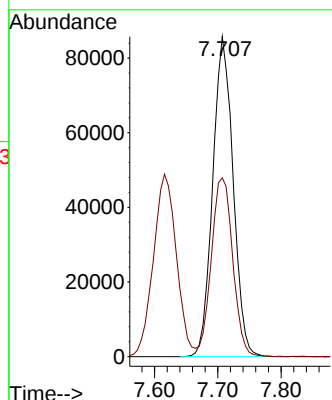
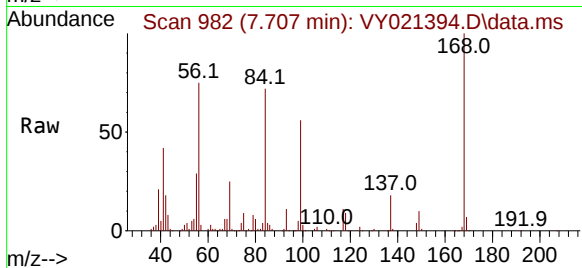
VSTDCCC050EC

Tgt Ion:168 Resp: 191604

Ion Ratio Lower Upper

168 100

99 55.8 47.1 70.7



#2

Dichlorodifluoromethane

Concen: 45.585 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021394.D

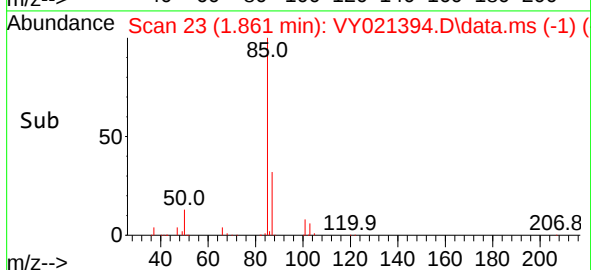
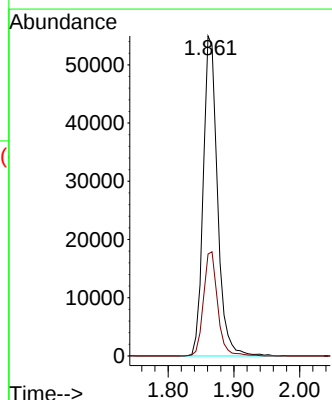
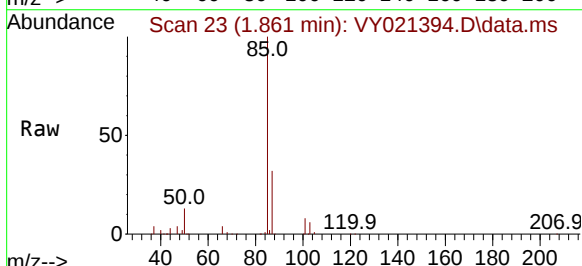
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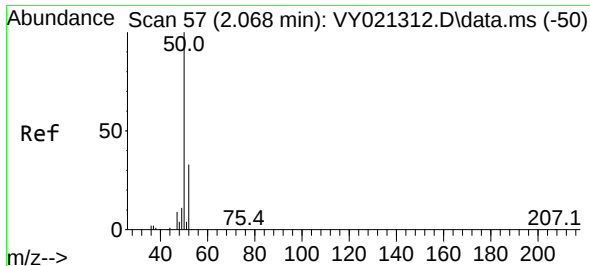
Tgt Ion: 85 Resp: 82811

Ion Ratio Lower Upper

85 100

87 31.9 15.4 46.4

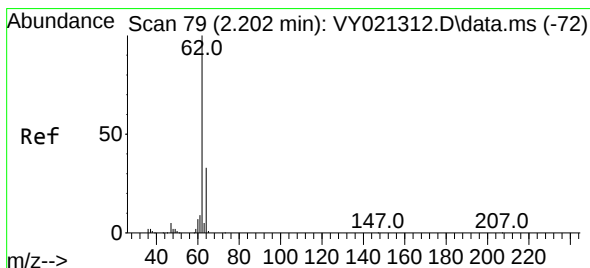
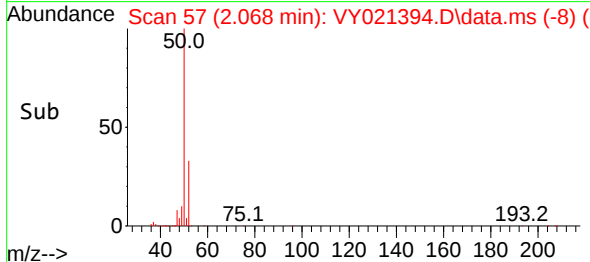
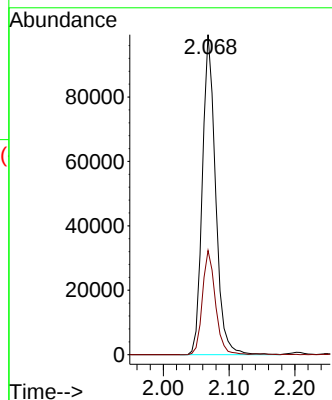
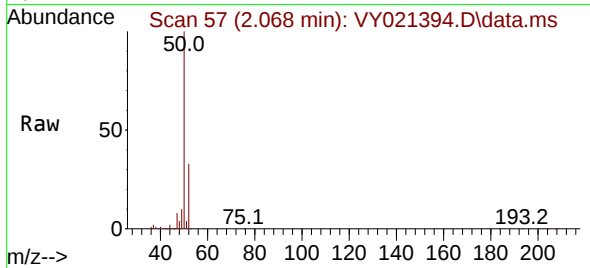




#3
Chloromethane
Concen: 59.182 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021394.D
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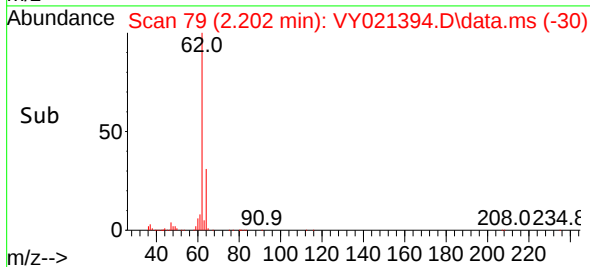
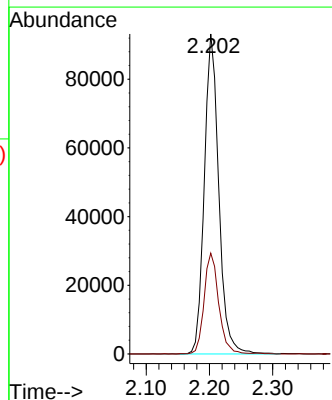
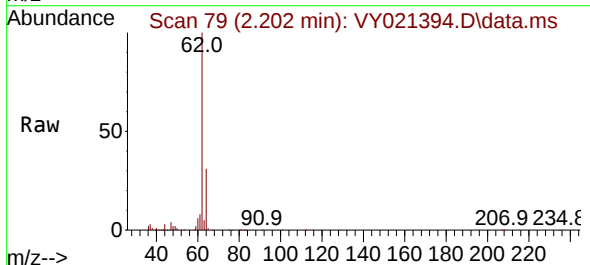
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 138847
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 64.443 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 62 Resp: 148397
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5

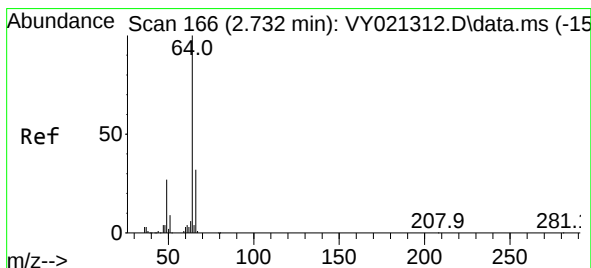
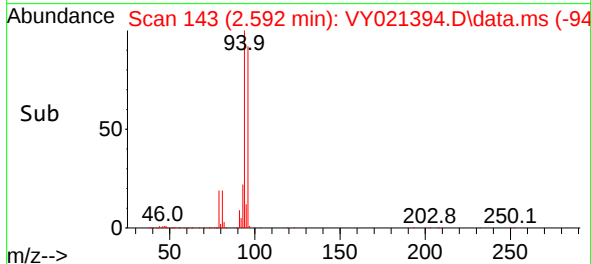
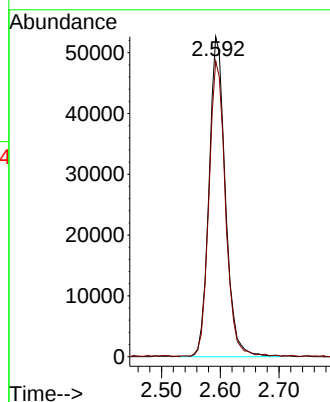
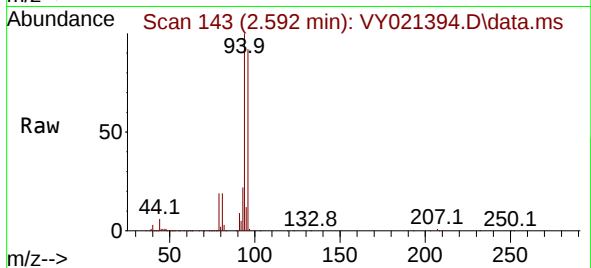




#5
Bromomethane
Concen: 66.509 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

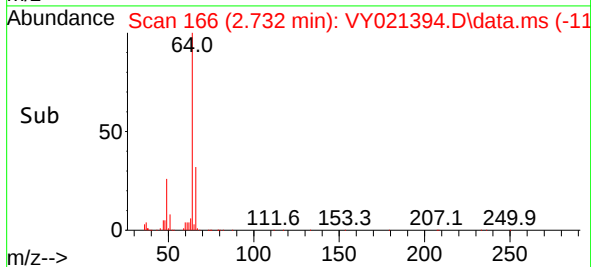
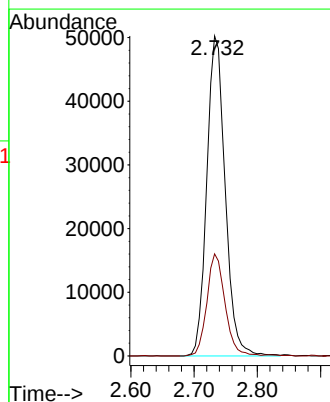
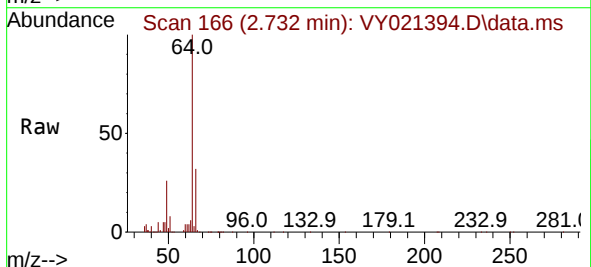
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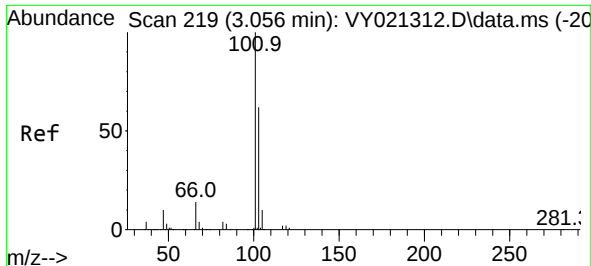
Tgt Ion: 94 Resp: 101775
Ion Ratio Lower Upper
94 100
96 92.2 75.2 112.8



#6
Chloroethane
Concen: 71.292 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 64 Resp: 101805
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

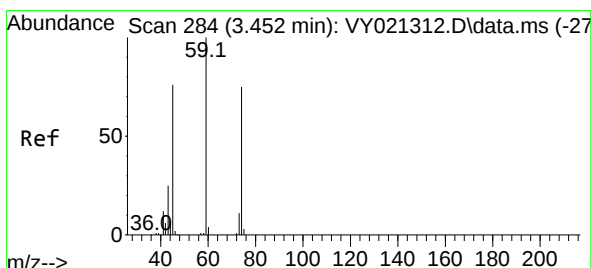
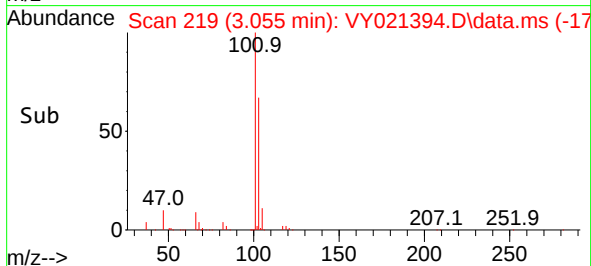
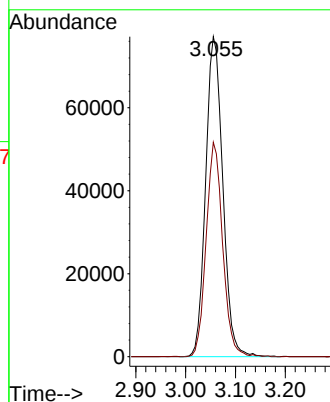
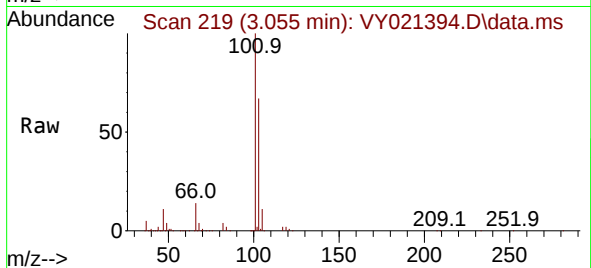




#7
Trichlorofluoromethane
Concen: 52.956 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

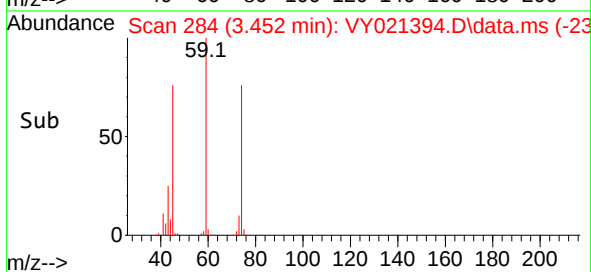
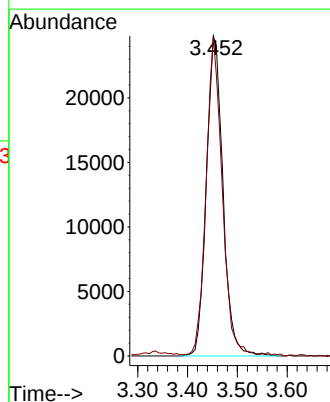
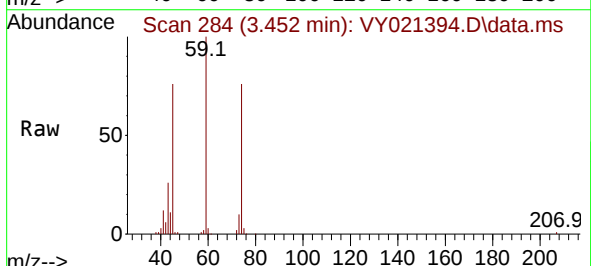
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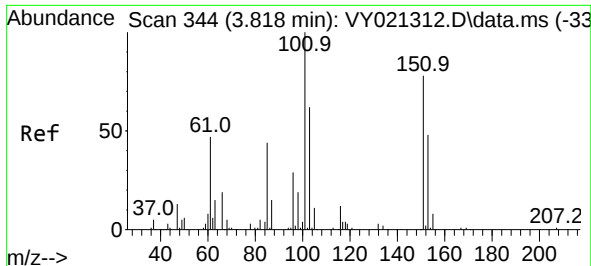
Tgt Ion:101 Resp: 184165
Ion Ratio Lower Upper
101 100
103 67.0 49.7 74.5



#8
Diethyl Ether
Concen: 54.819 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 74 Resp: 57220
Ion Ratio Lower Upper
74 100
45 95.8 50.3 150.9

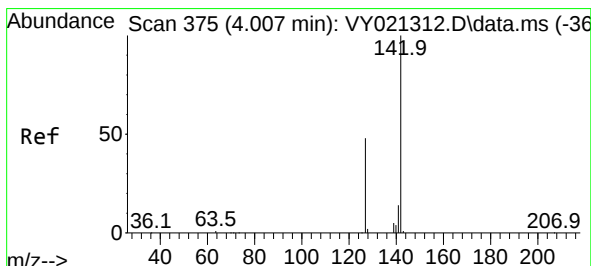
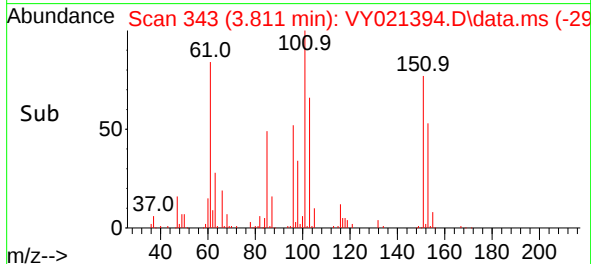
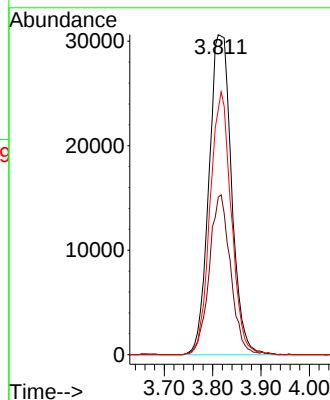
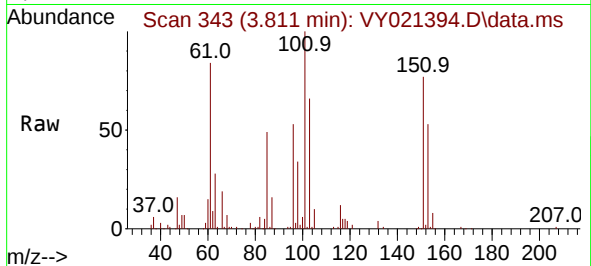




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.394 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

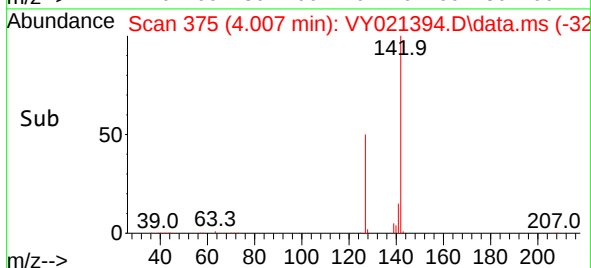
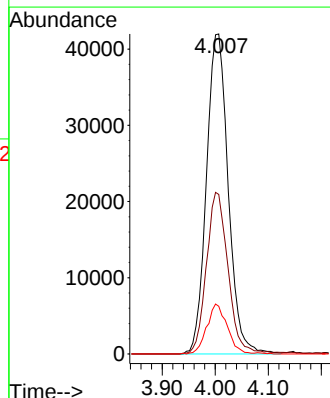
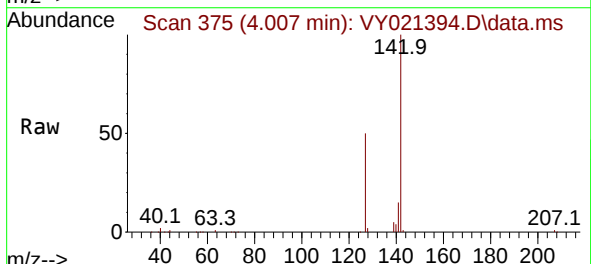
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

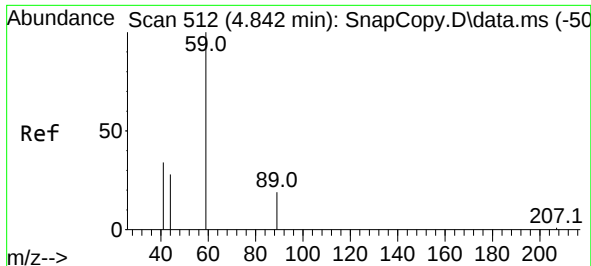
Tgt Ion:101 Resp: 99452
Ion Ratio Lower Upper
101 100
85 47.2 36.7 55.1
151 77.2 62.6 94.0



#10
Methyl Iodide
Concen: 56.639 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion:142 Resp: 119978
Ion Ratio Lower Upper
142 100
127 50.0 39.2 58.8
141 14.6 11.4 17.2

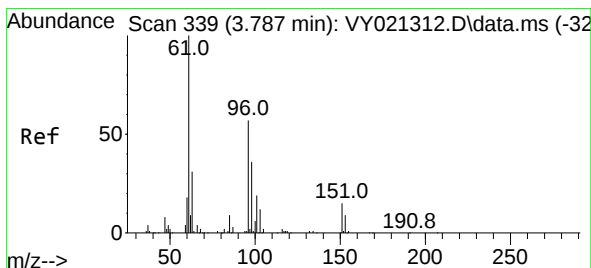
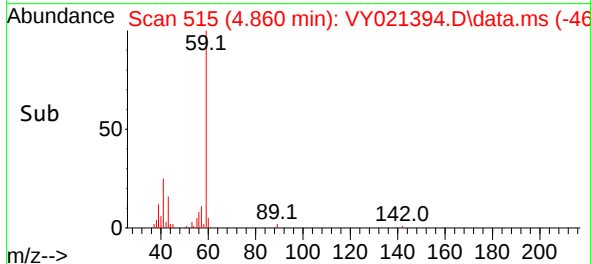
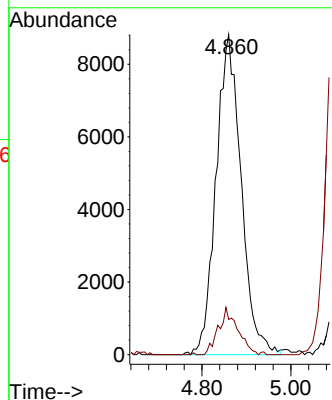
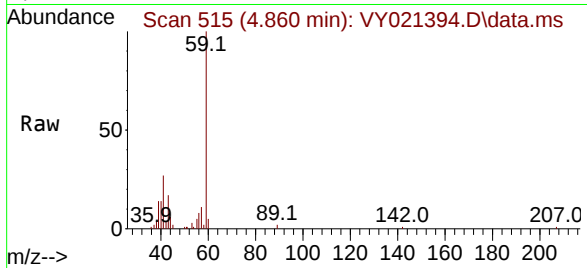




#11
Tert butyl alcohol
Concen: 206.175 ug/l
RT: 4.860 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

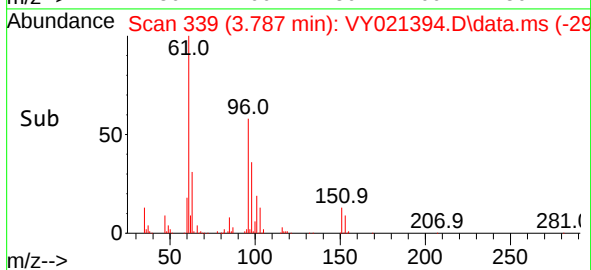
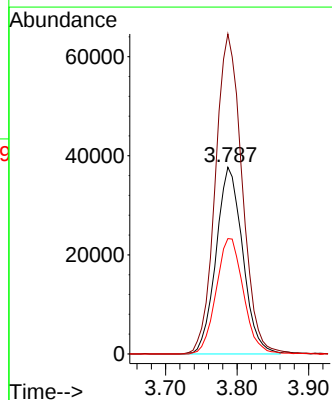
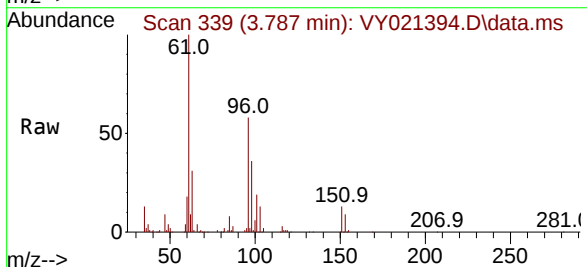
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

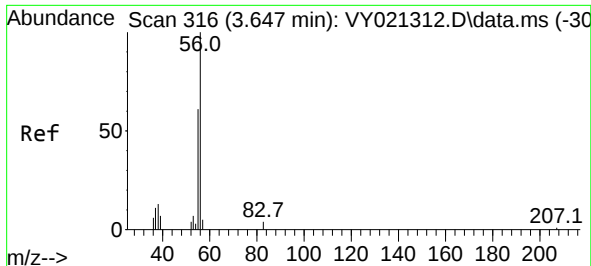
Tgt Ion: 59 Resp: 34470
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.555 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 96 Resp: 97465
Ion Ratio Lower Upper
96 100
61 171.4 139.7 209.5
98 61.8 49.7 74.5

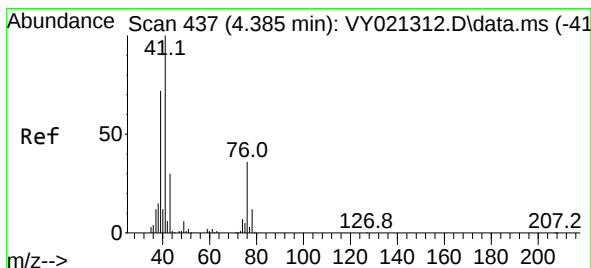
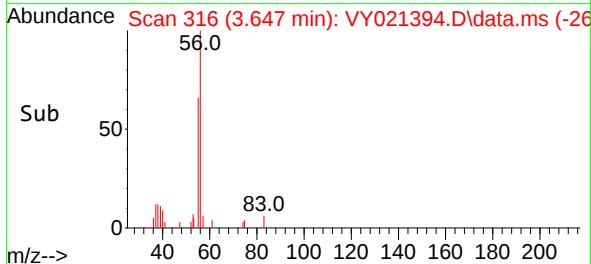
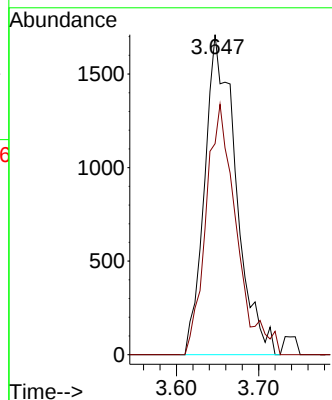
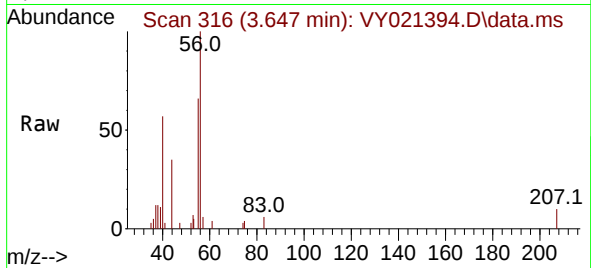




#13
Acrolein
Concen: 35.272 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

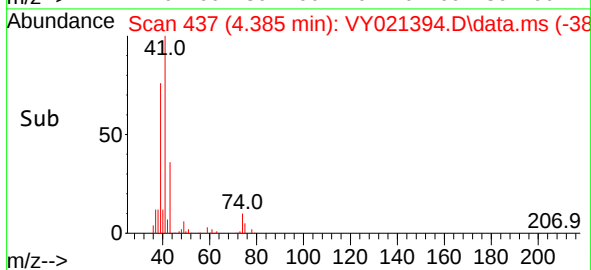
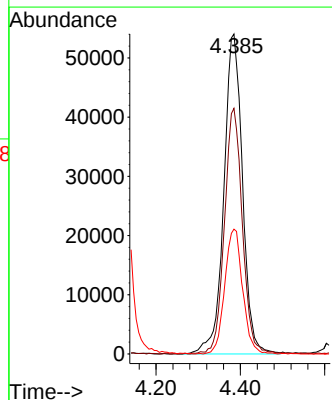
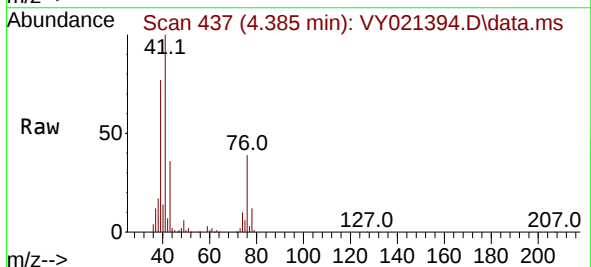
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

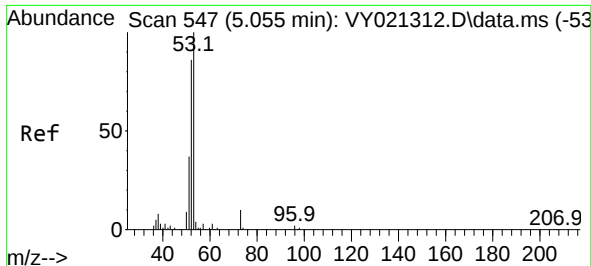
Tgt Ion: 56 Resp: 4519
Ion Ratio Lower Upper
56 100
55 76.1 59.0 88.6



#14
Allyl chloride
Concen: 48.418 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 41 Resp: 165497
Ion Ratio Lower Upper
41 100
39 73.9 60.0 90.0
76 37.5 29.0 43.6

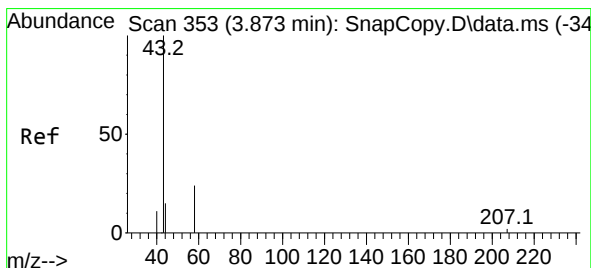
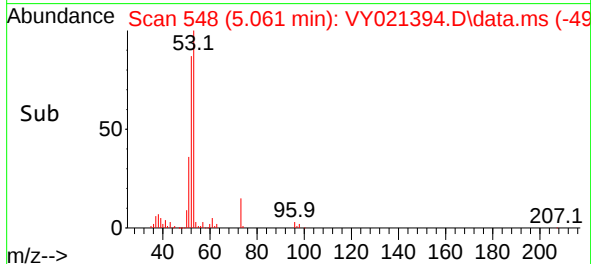
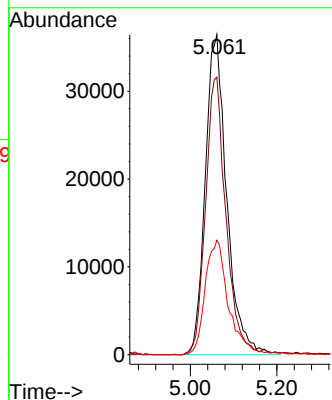
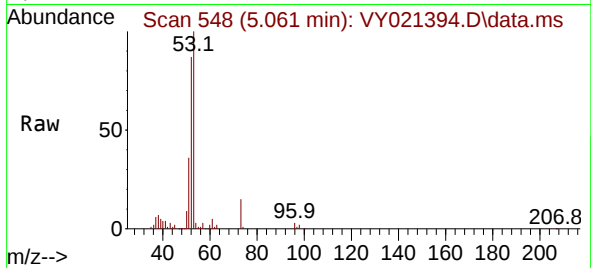




#15
Acrylonitrile
Concen: 271.276 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

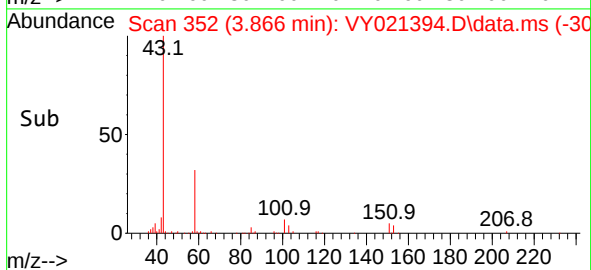
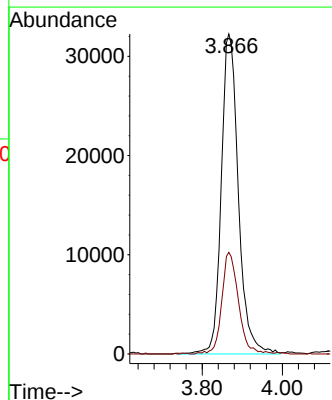
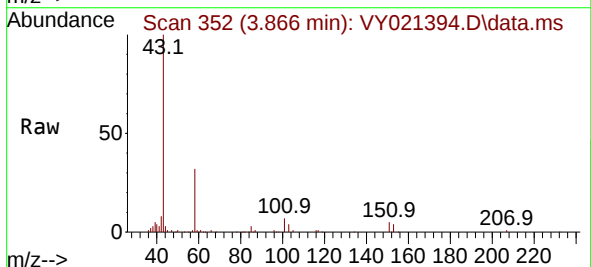
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 125193
Ion Ratio Lower Upper
53 100
52 82.2 65.5 98.3
51 39.0 30.6 46.0



#16
Acetone
Concen: 228.885 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 43 Resp: 95432
Ion Ratio Lower Upper
43 100
58 31.6 23.5 35.3

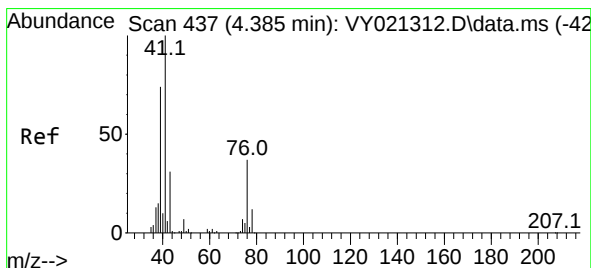
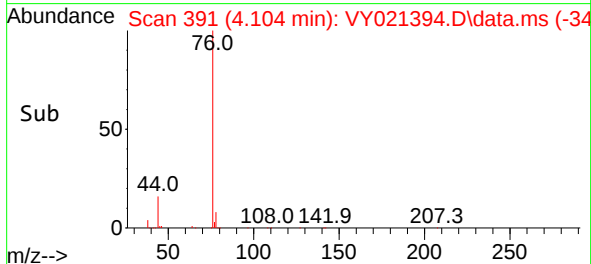
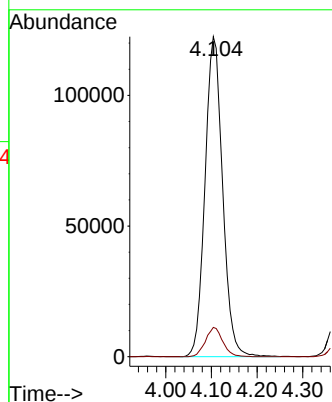
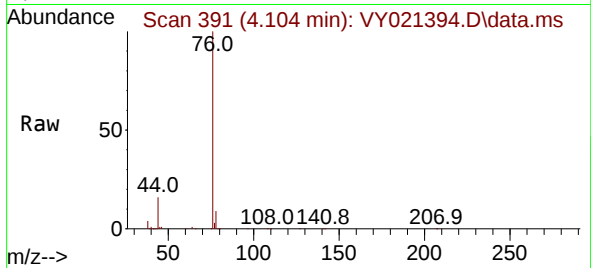




#17
Carbon Disulfide
Concen: 51.192 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

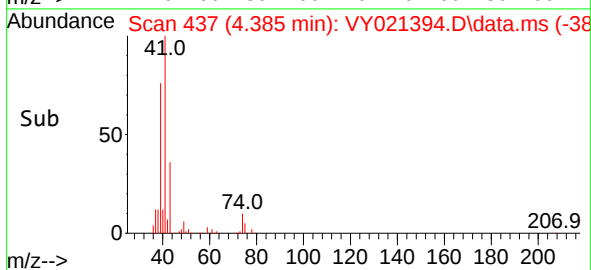
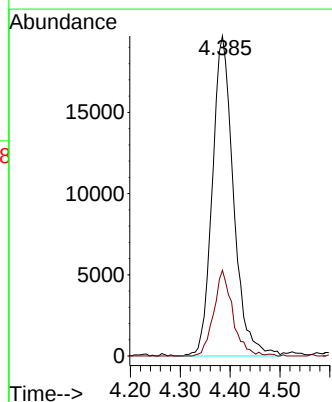
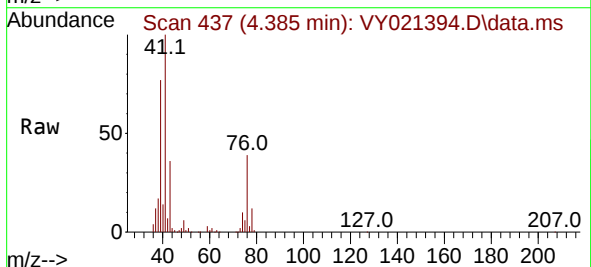
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

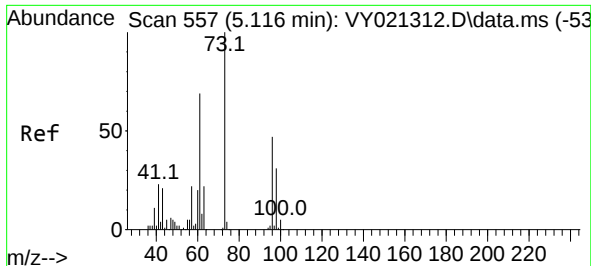
Tgt Ion: 76 Resp: 327715
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 56.983 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 43 Resp: 58063
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 53.658 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

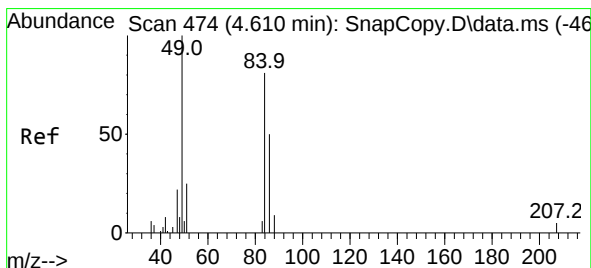
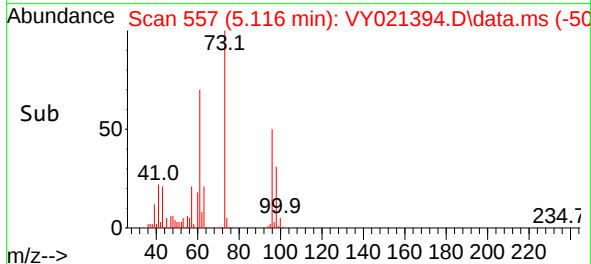
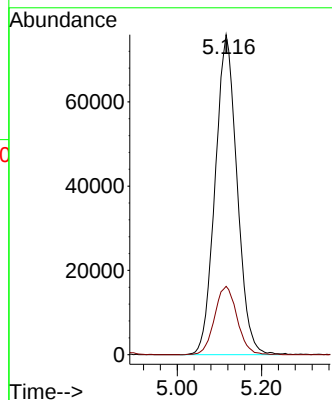
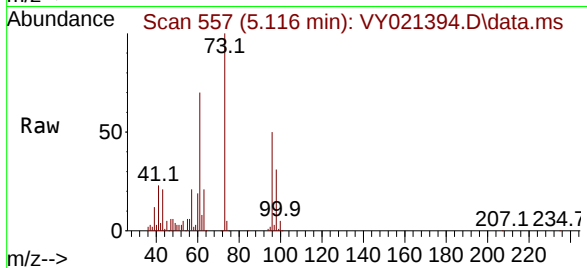
VSTDCCC050EC

Tgt Ion: 73 Resp: 273315

Ion Ratio Lower Upper

73 100

57 21.4 17.4 26.0



#20

Methylene Chloride

Concen: 53.352 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion: 84 Resp: 120289

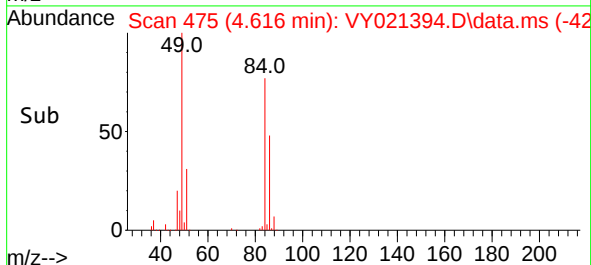
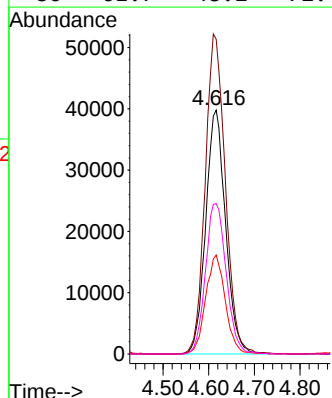
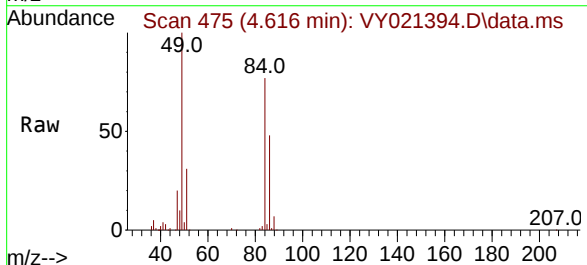
Ion Ratio Lower Upper

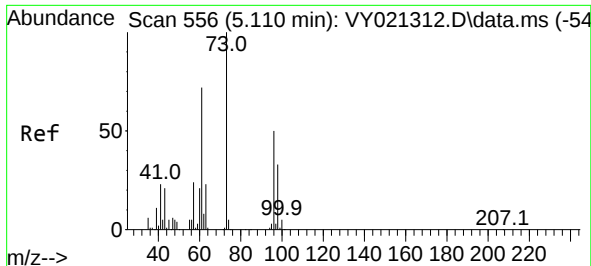
84 100

49 128.9 105.1 157.7

51 40.6 31.0 46.4

86 61.7 48.2 72.4

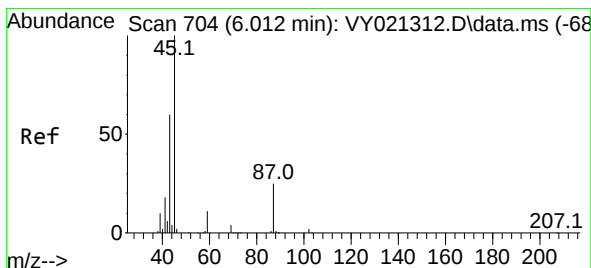
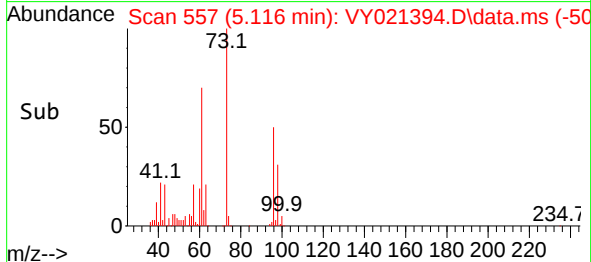
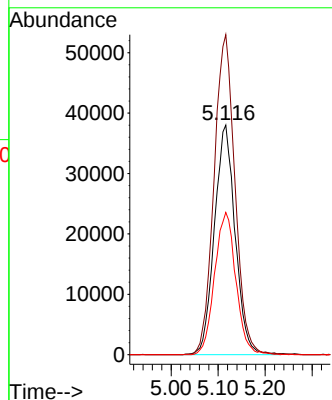
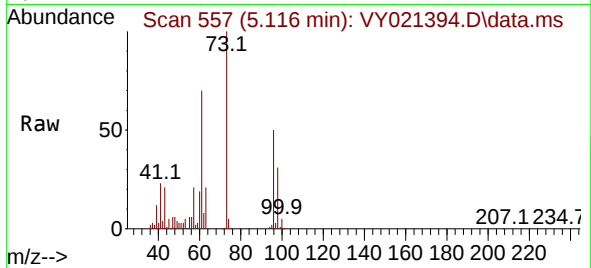




#21
trans-1,2-Dichloroethene
Concen: 54.899 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

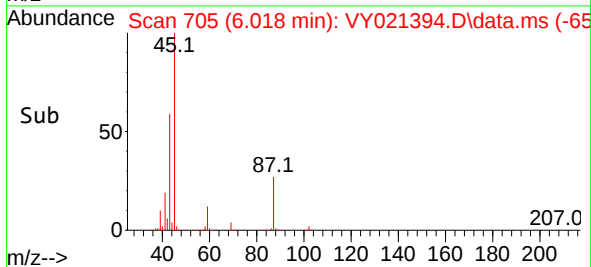
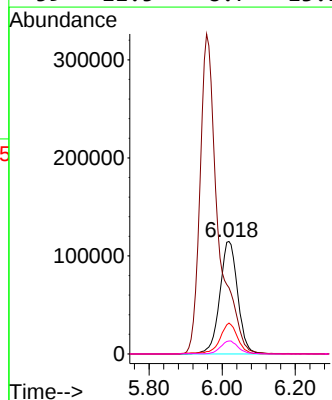
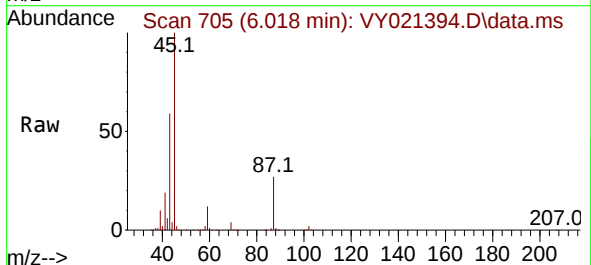
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

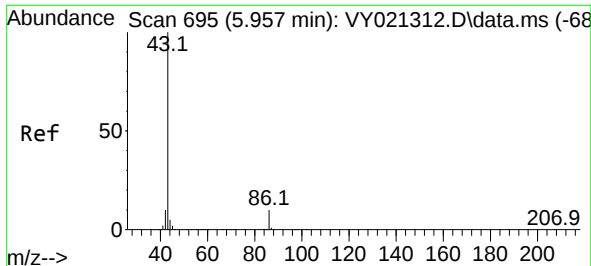
Tgt Ion: 96 Resp: 116514
Ion Ratio Lower Upper
96 100
61 139.4 116.3 174.5
98 61.9 52.6 78.8



#22
Diisopropyl ether
Concen: 55.264 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 45 Resp: 390892
Ion Ratio Lower Upper
45 100
43 58.9 48.2 72.4
87 27.4 20.3 30.5
59 11.5 8.7 13.1

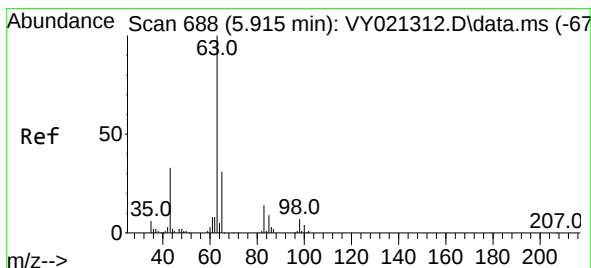
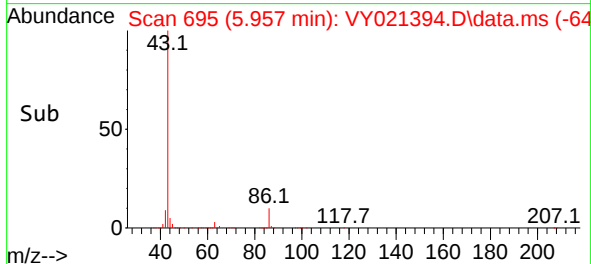
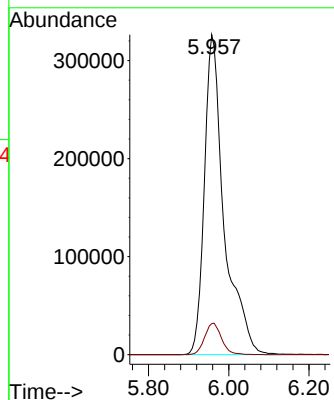
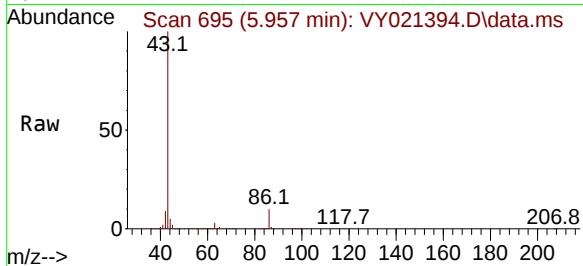




#23
 Vinyl Acetate
 Concen: 264.114 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

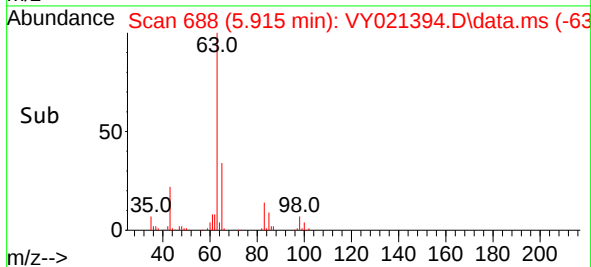
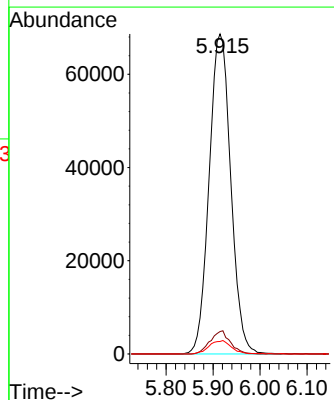
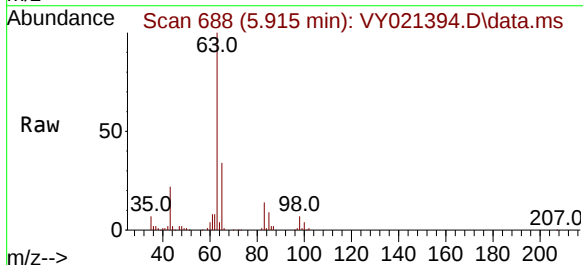
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

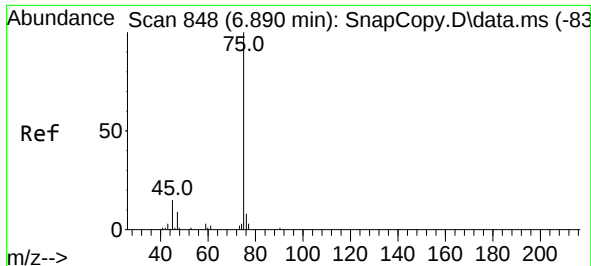
Tgt Ion: 43 Resp: 1116342
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 55.035 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

Tgt Ion: 63 Resp: 219404
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 3.9 2.1 6.5

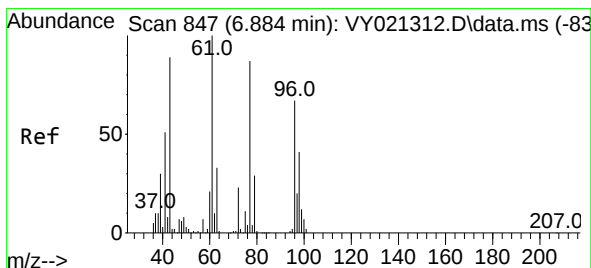
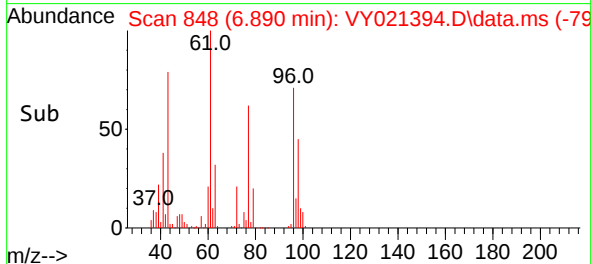
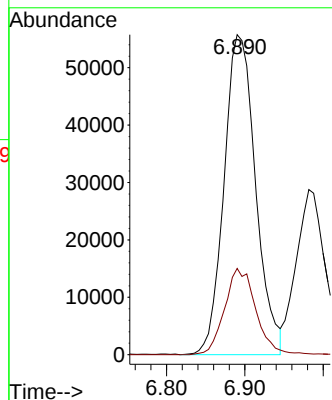
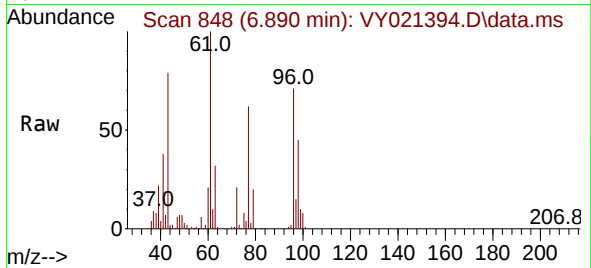




#25
2-Butanone
Concen: 248.469 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

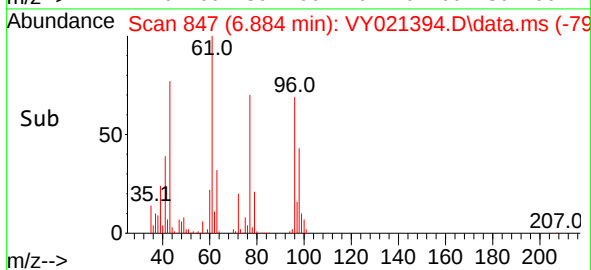
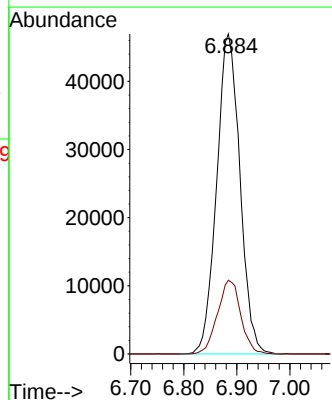
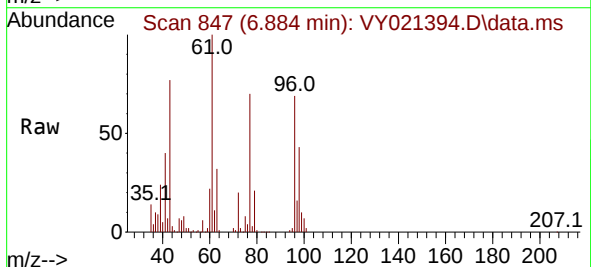
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

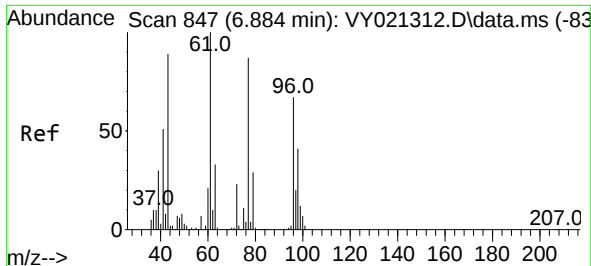
Tgt Ion: 43 Resp: 156353
Ion Ratio Lower Upper
43 100
72 27.0 19.0 28.6



#26
2,2-Dichloropropane
Concen: 39.574 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 77 Resp: 143154
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 56.083 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

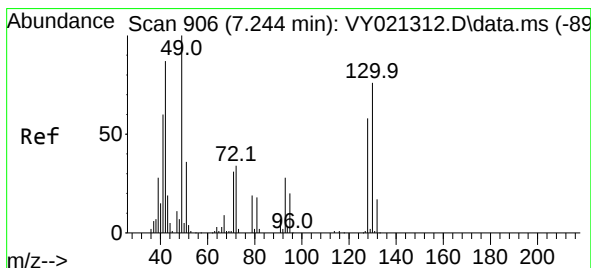
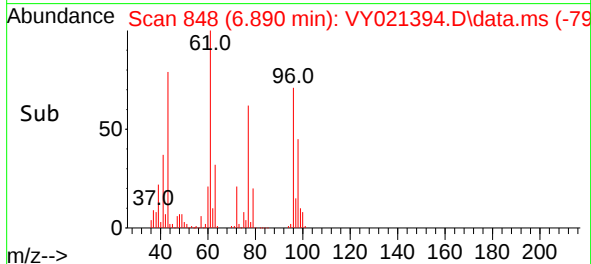
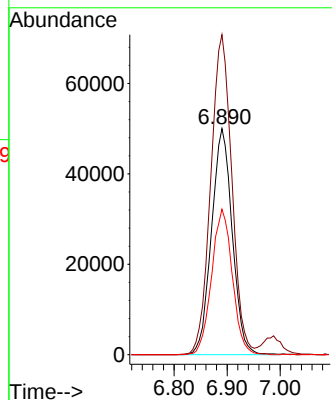
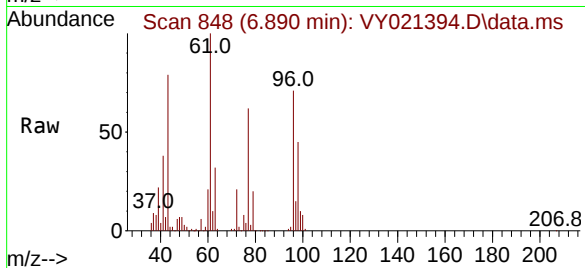
Tgt Ion: 96 Resp: 135918

Ion Ratio Lower Upper

96 100

61 143.7 0.0 308.0

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 52.054 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

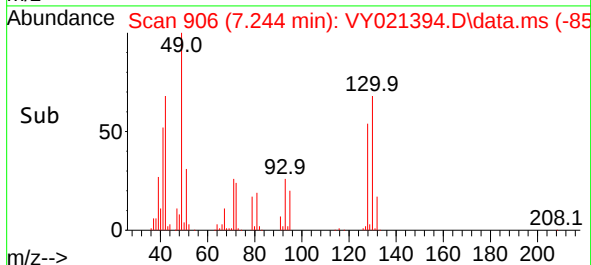
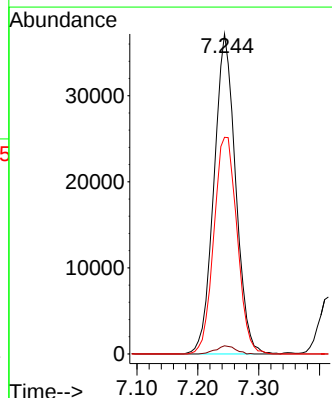
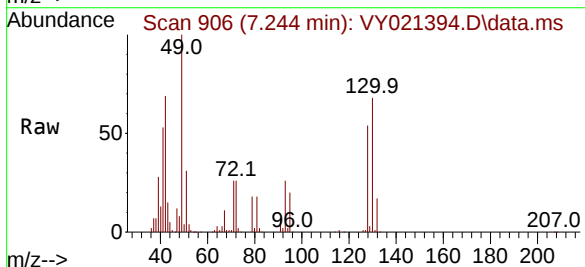
Tgt Ion: 49 Resp: 91822

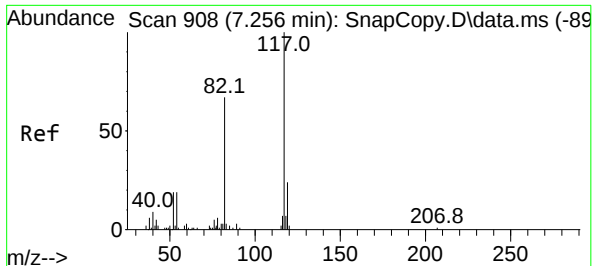
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 72.6 57.8 86.6





#29

Tetrahydrofuran

Concen: 267.851 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

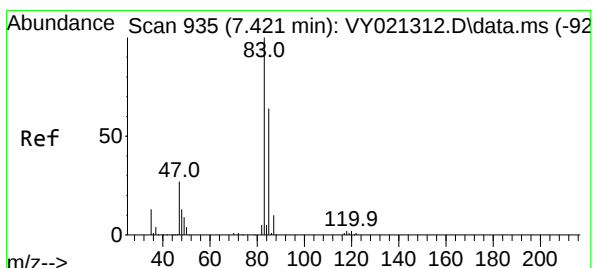
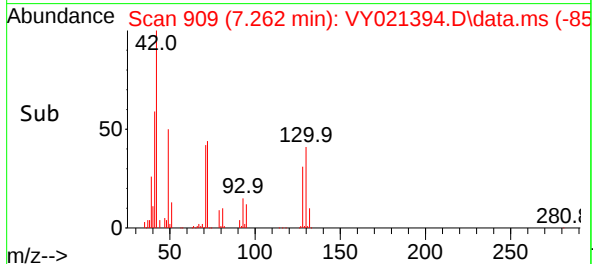
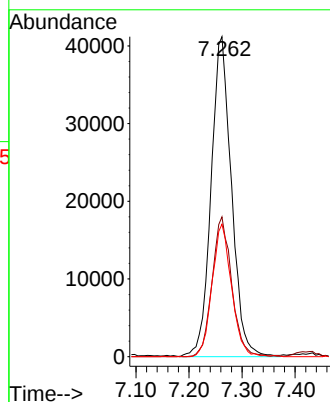
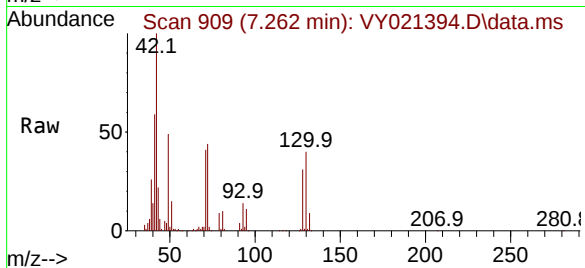
Tgt Ion: 42 Resp: 110172

Ion Ratio Lower Upper

42 100

72 42.1 33.1 49.7

71 39.4 31.4 47.0



#30

Chloroform

Concen: 56.856 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021394.D

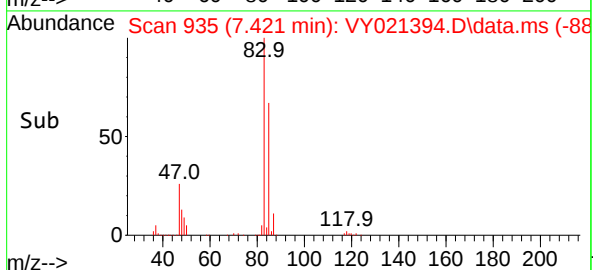
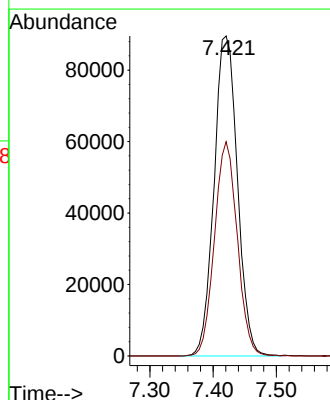
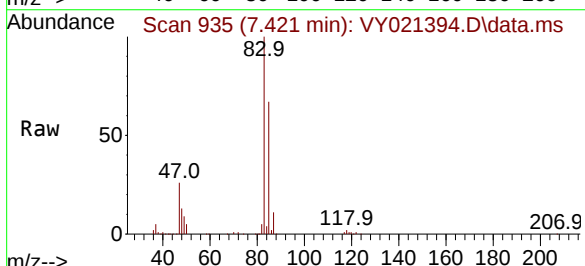
Acq: 28 Feb 2025 20:35

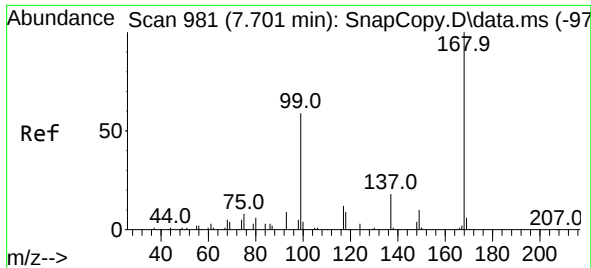
Tgt Ion: 83 Resp: 229677

Ion Ratio Lower Upper

83 100

85 67.0 51.6 77.4

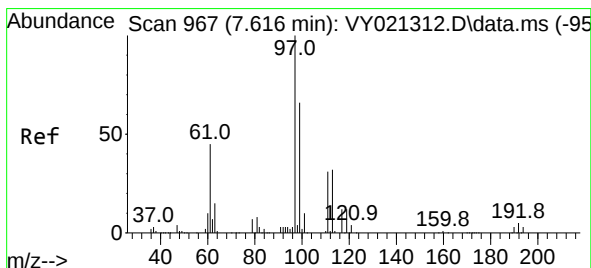
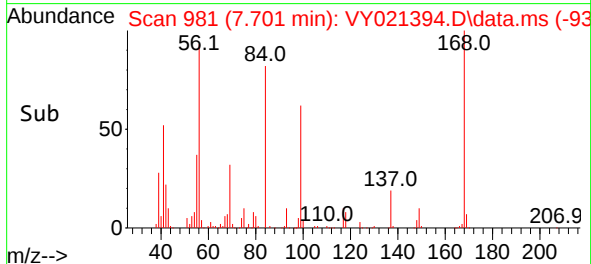
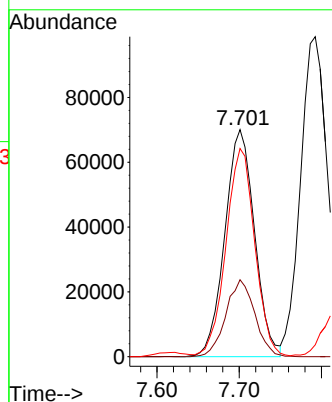
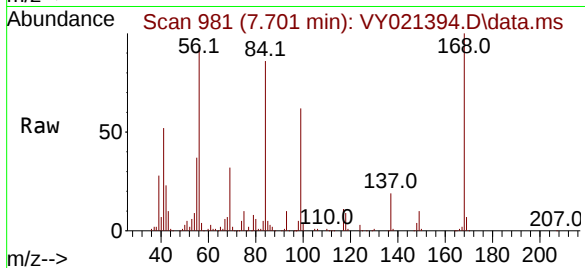




#31
Cyclohexane
Concen: 45.947 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

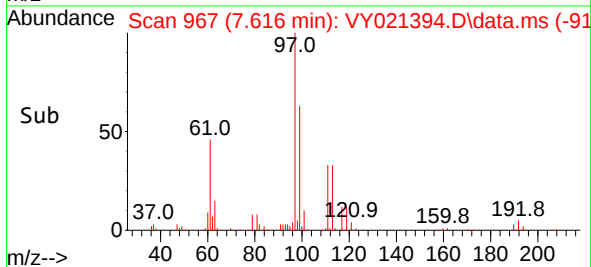
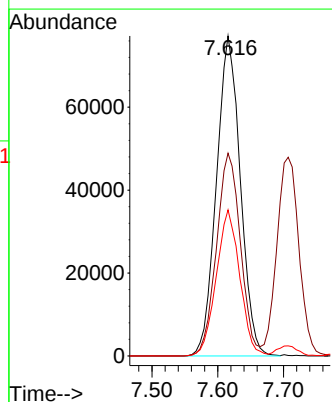
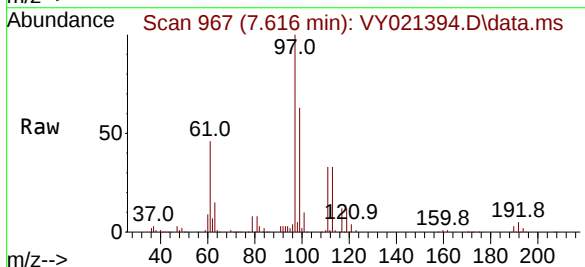
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

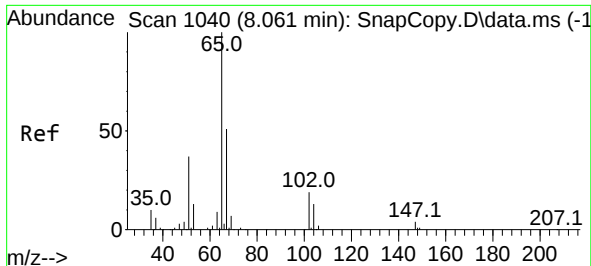
Tgt Ion: 56 Resp: 176077
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.4
84 90.3 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 53.050 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 97 Resp: 195061
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 44.9 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 55.557 ug/l

RT: 8.061 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

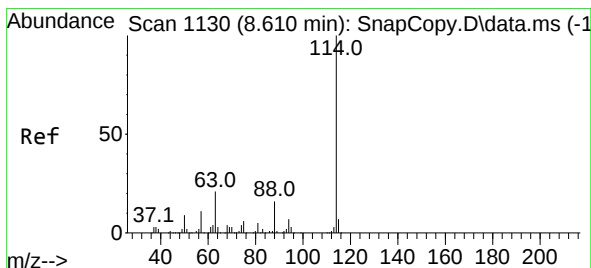
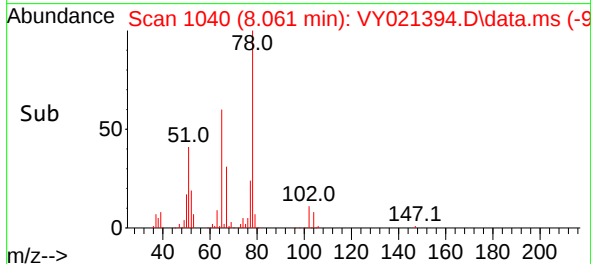
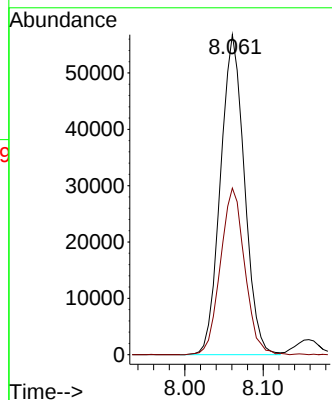
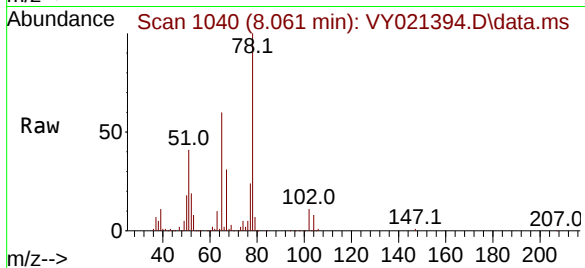
VSTDCCC050EC

Tgt Ion: 65 Resp: 120757

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

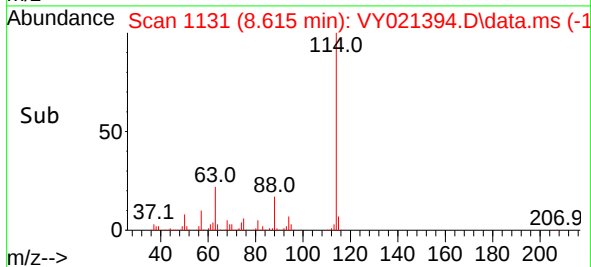
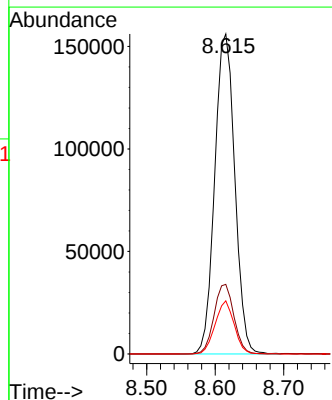
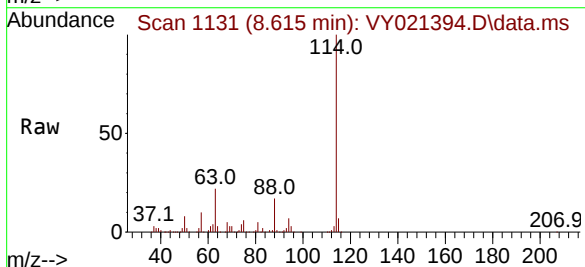
Tgt Ion:114 Resp: 317108

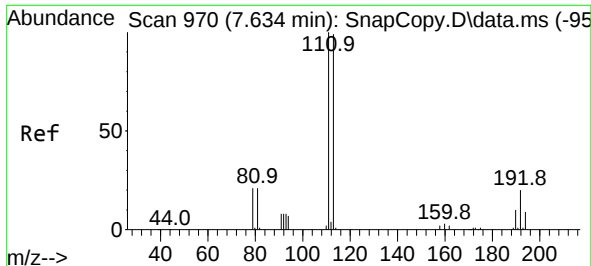
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.6 0.0 29.8

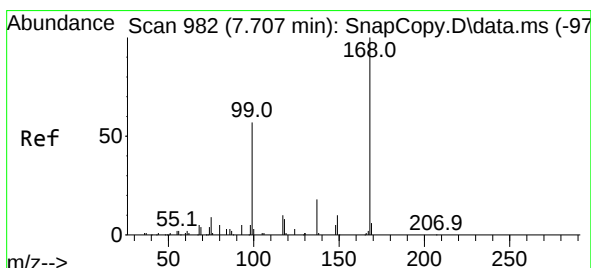
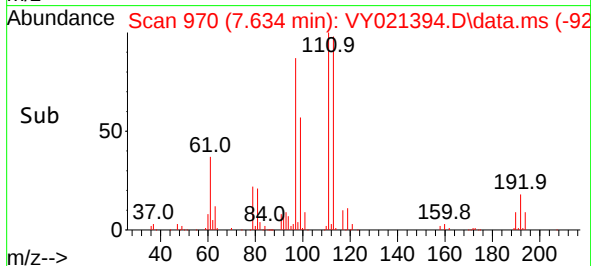
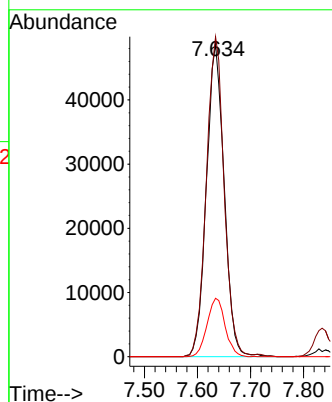
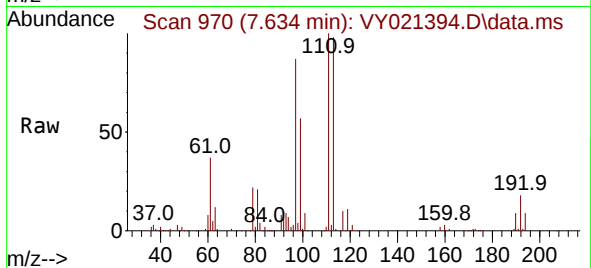




#35
Dibromofluoromethane
Concen: 54.455 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

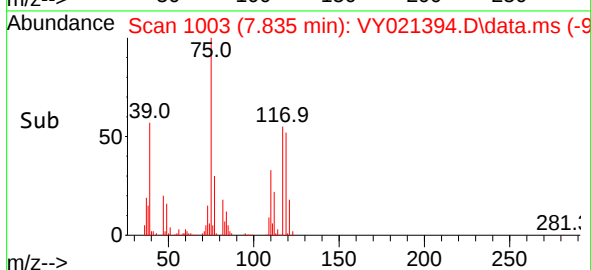
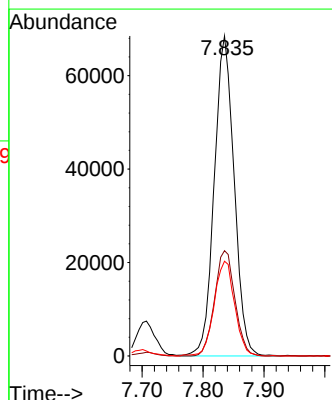
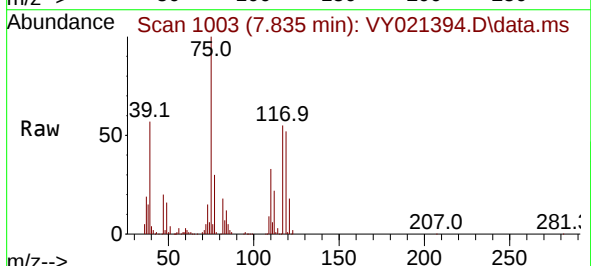
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

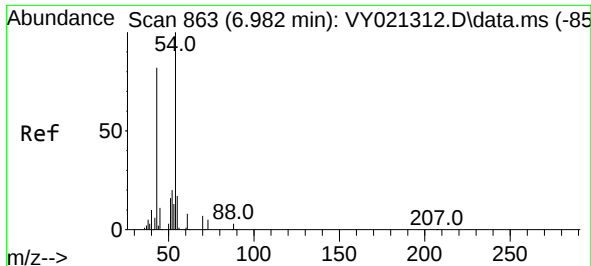
Tgt Ion:113 Resp: 113211
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 19.0 15.8 23.8



#36
1,1-Dichloropropene
Concen: 49.660 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 75 Resp: 155081
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 49.435 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

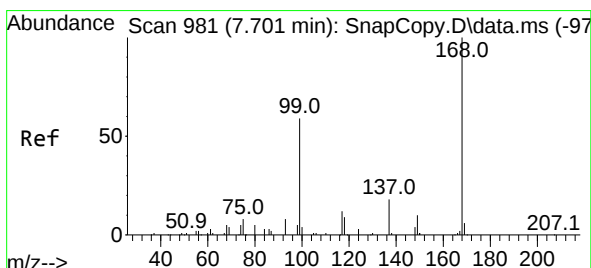
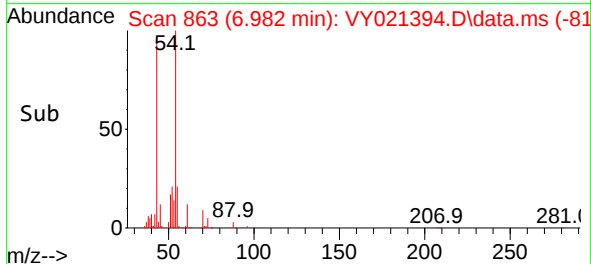
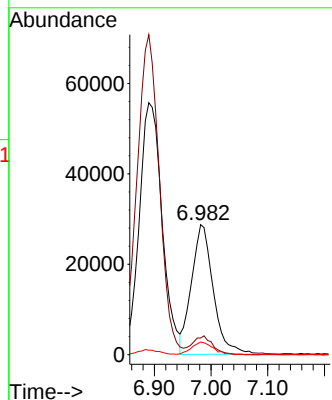
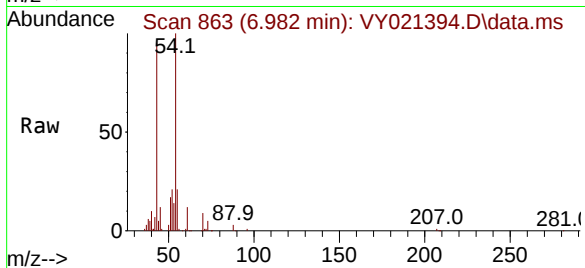
Tgt Ion: 43 Resp: 76792

Ion Ratio Lower Upper

43 100

61 13.7 10.4 15.6

70 9.5 7.5 11.3



#38

Carbon Tetrachloride

Concen: 49.245 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

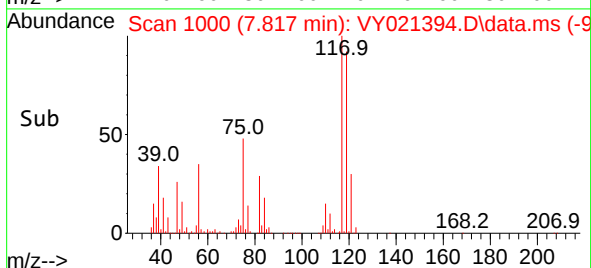
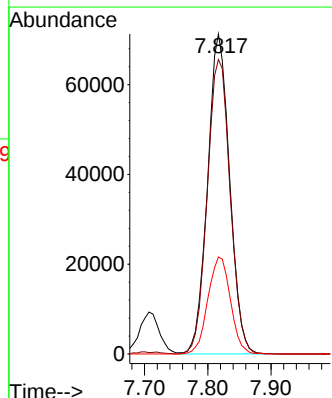
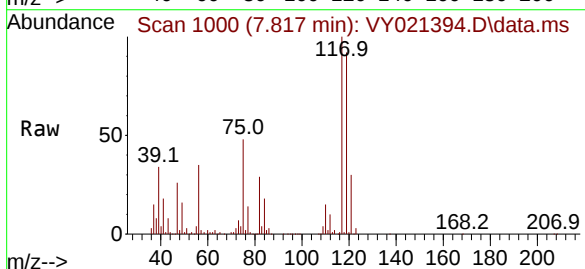
Tgt Ion: 117 Resp: 172889

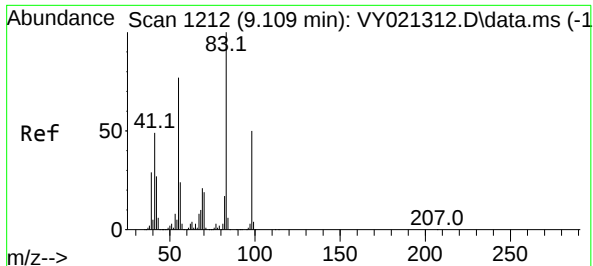
Ion Ratio Lower Upper

117 100

119 92.0 76.0 114.0

121 30.3 24.9 37.3





#39

Methylcyclohexane

Concen: 45.516 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

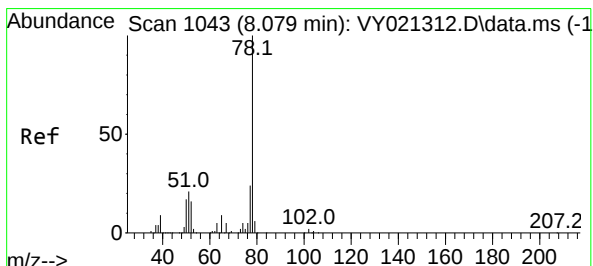
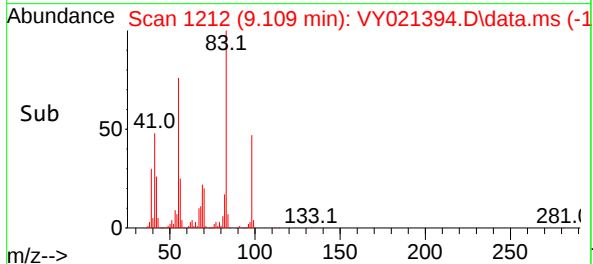
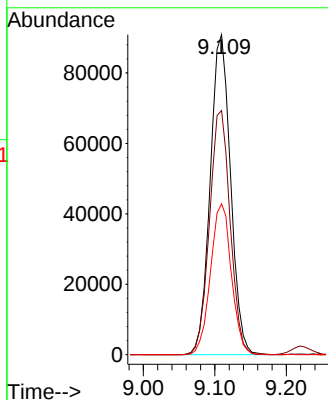
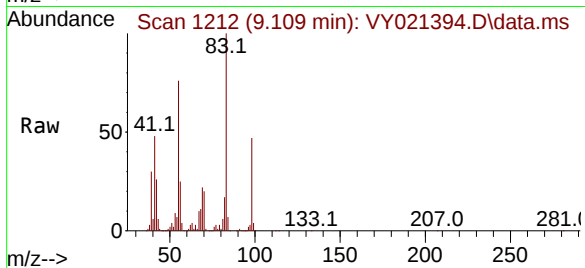
Tgt Ion: 83 Resp: 179781

Ion Ratio Lower Upper

83 100

55 76.3 61.3 91.9

98 47.2 39.9 59.9



#40

Benzene

Concen: 53.383 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021394.D

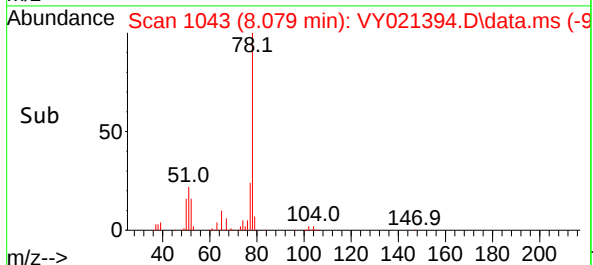
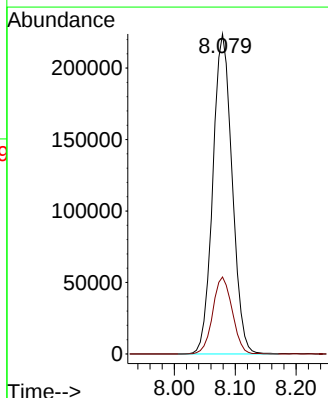
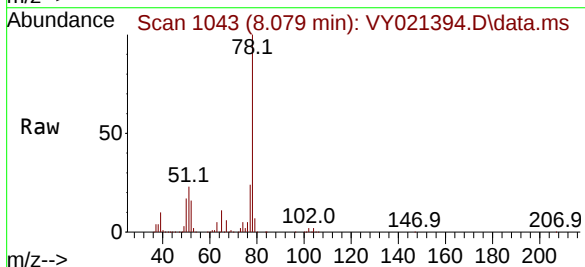
Acq: 28 Feb 2025 20:35

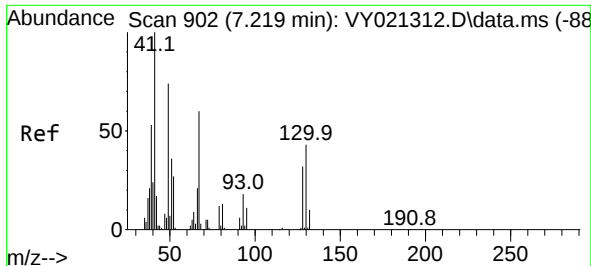
Tgt Ion: 78 Resp: 492805

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

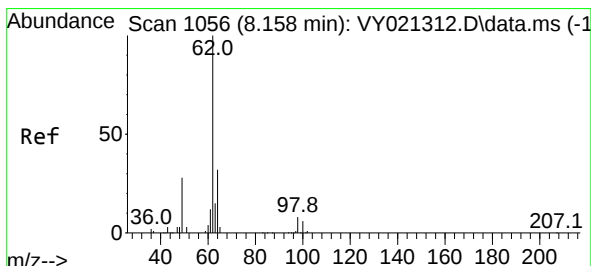
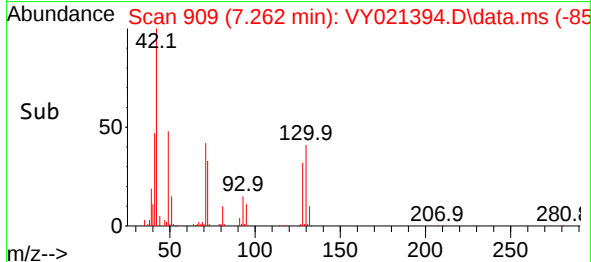
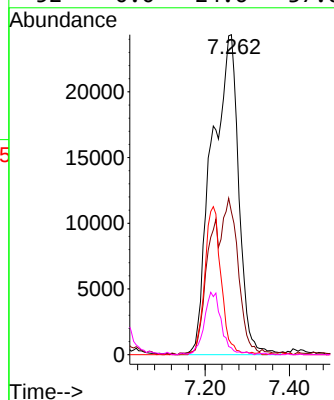
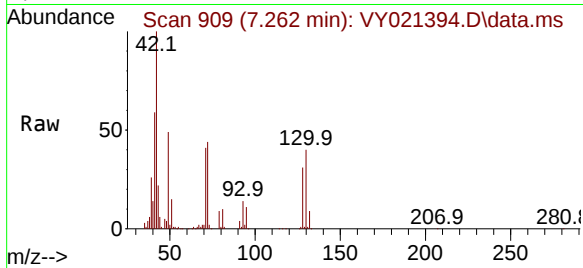




#41
Methacrylonitrile
Concen: 123.333 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

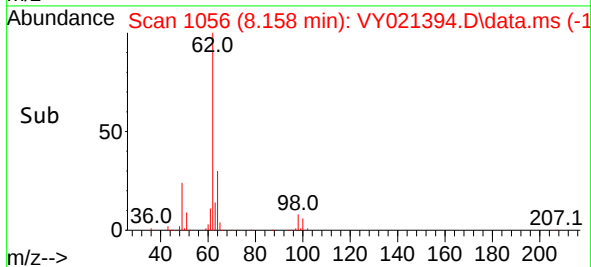
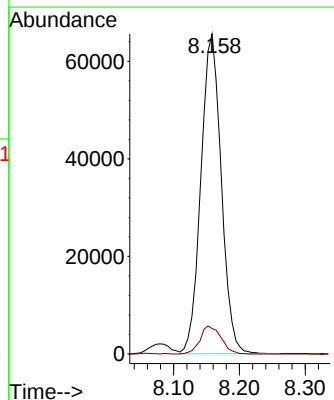
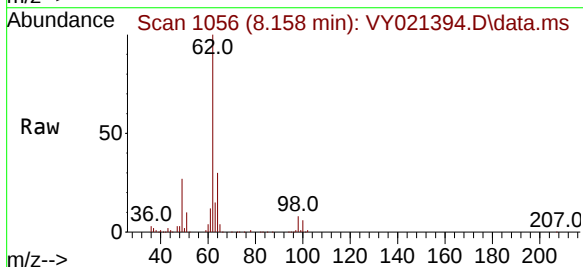
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

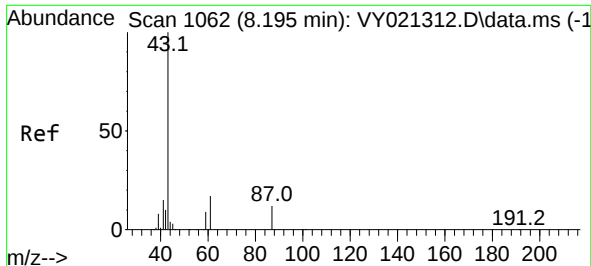
Tgt Ion: 41 Resp: 107118
Ion Ratio Lower Upper
41 100
39 26.2 42.3 63.5#
67 0.0 54.8 82.2#
52 0.0 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 53.933 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 62 Resp: 141256
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6

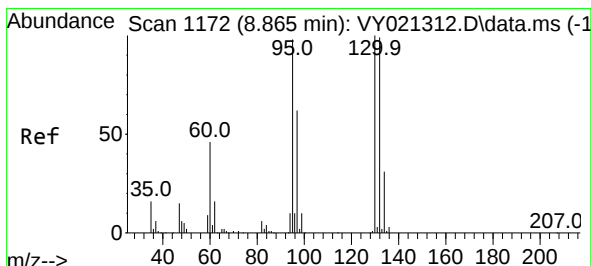
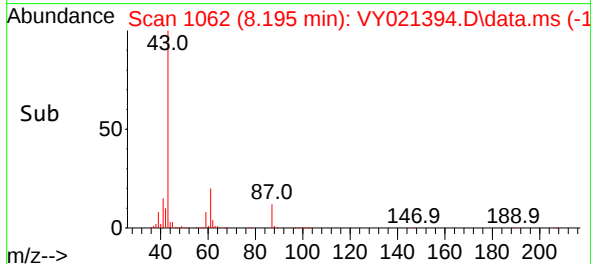
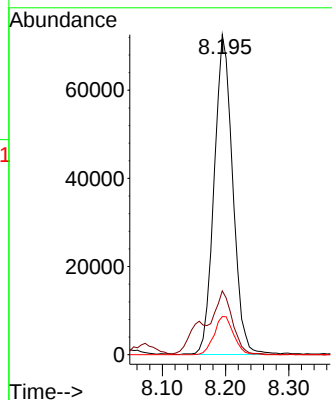
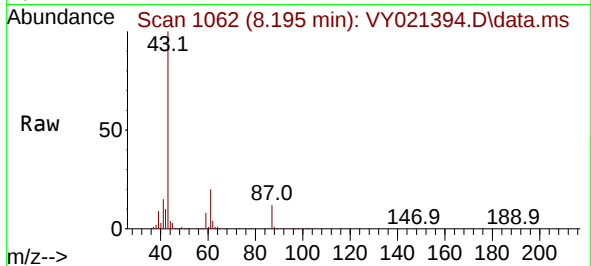




#43
Isopropyl Acetate
Concen: 49.093 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

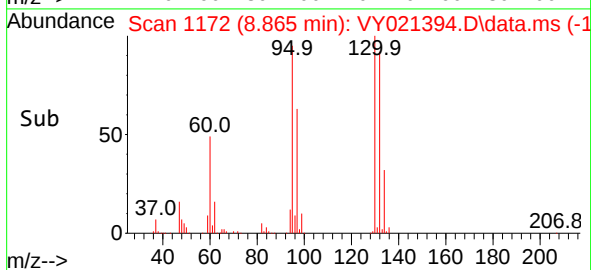
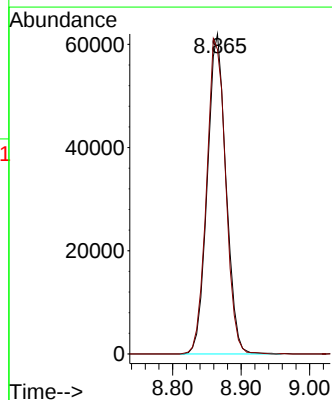
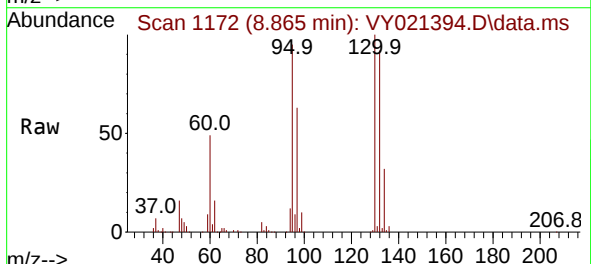
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

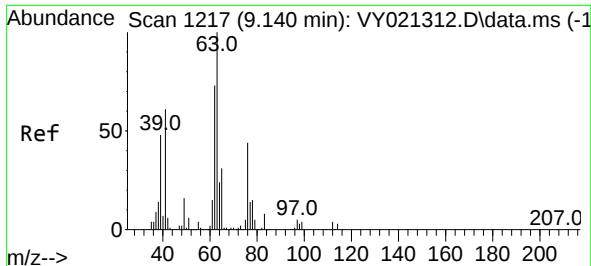
Tgt Ion: 43 Resp: 147609
Ion Ratio Lower Upper
43 100
61 19.9 15.0 22.6
87 12.6 10.0 15.0



#44
Trichloroethene
Concen: 50.838 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion:130 Resp: 117497
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.129 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

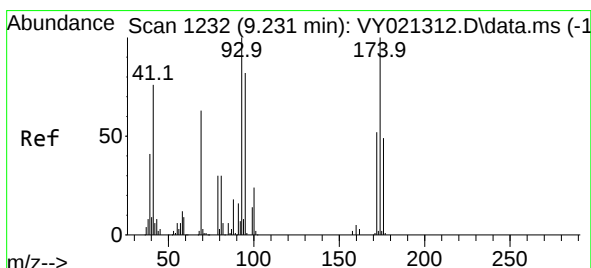
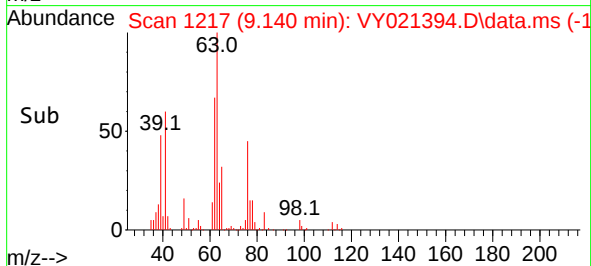
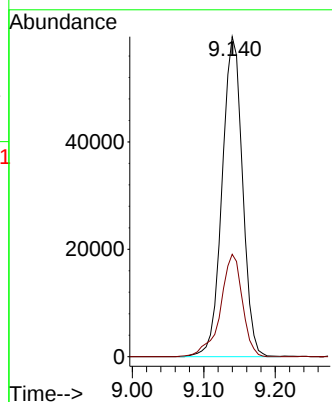
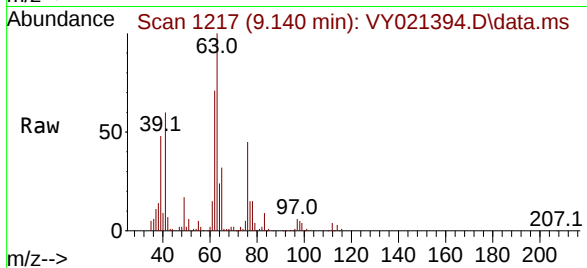
VSTDCCC050EC

Tgt Ion: 63 Resp: 118031

Ion Ratio Lower Upper

63 100

65 32.0 24.6 36.8



#46

Dibromomethane

Concen: 55.670 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

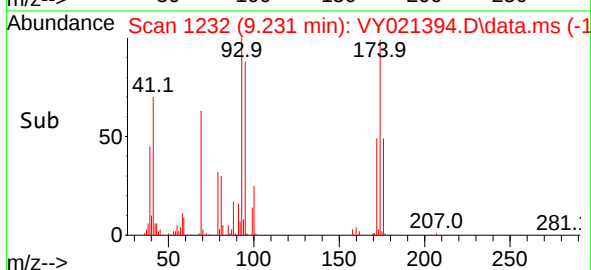
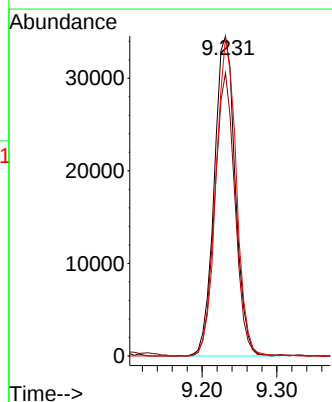
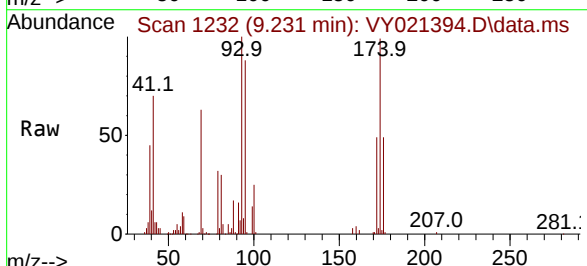
Tgt Ion: 93 Resp: 67603

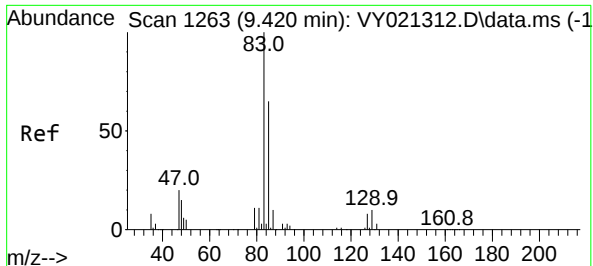
Ion Ratio Lower Upper

93 100

95 84.8 66.4 99.6

174 96.3 78.2 117.2





#47

Bromodichloromethane

Concen: 54.699 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

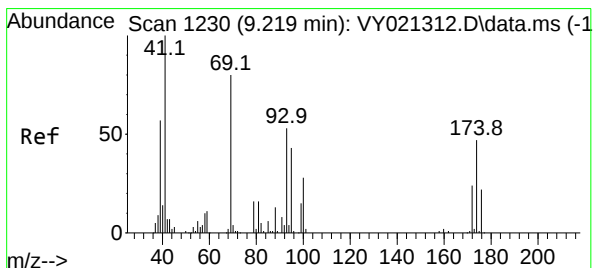
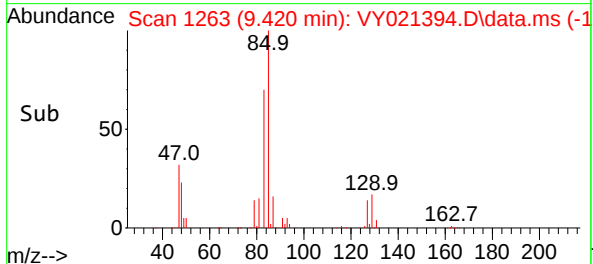
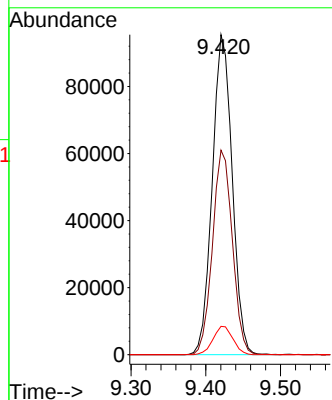
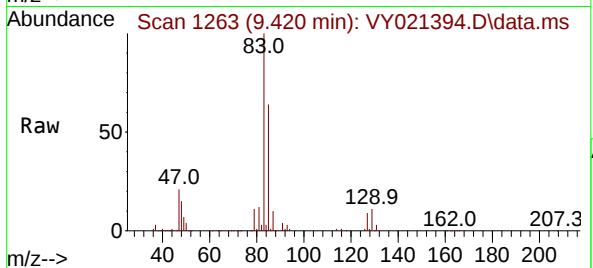
Tgt Ion: 83 Resp: 177110

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 48.830 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

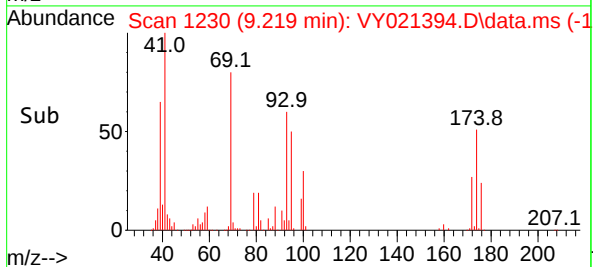
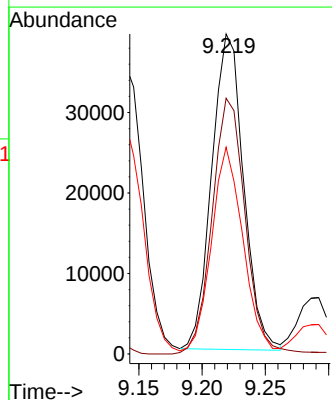
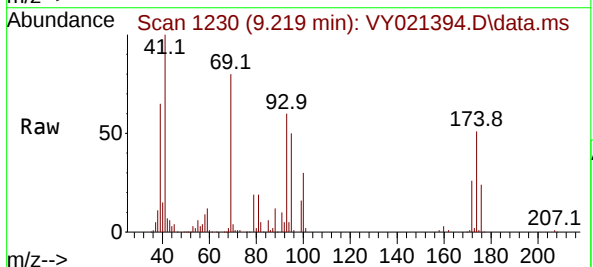
Tgt Ion: 41 Resp: 68657

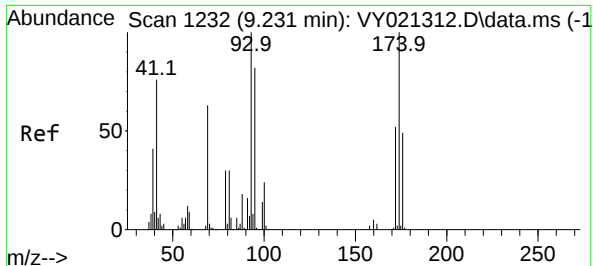
Ion Ratio Lower Upper

41 100

69 84.9 63.3 94.9

39 63.3 45.0 67.6





#49

1,4-Dioxane

Concen: 1035.060 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

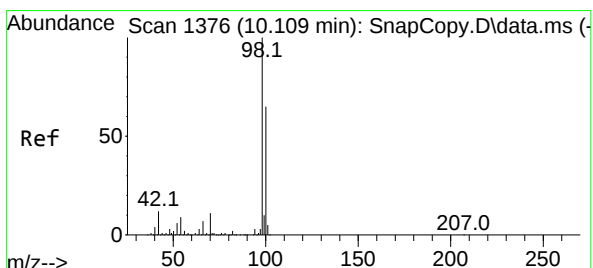
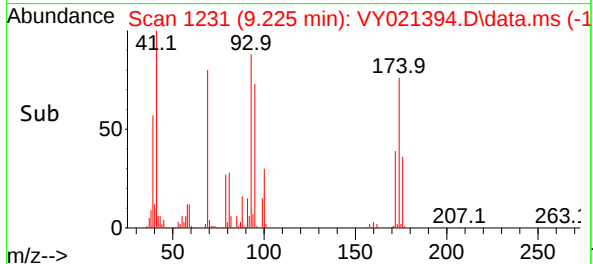
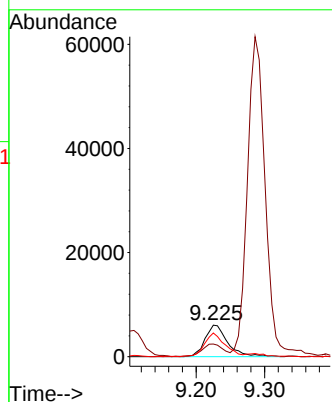
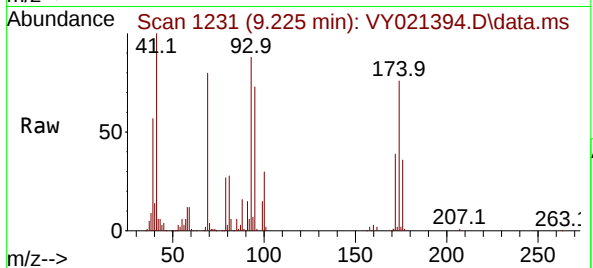
Tgt Ion: 88 Resp: 13976

Ion Ratio Lower Upper

88 100

43 36.0 34.8 52.2

58 67.5 59.8 89.6



#50

Toluene-d8

Concen: 53.061 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021394.D

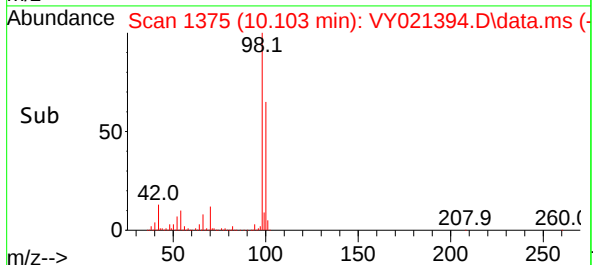
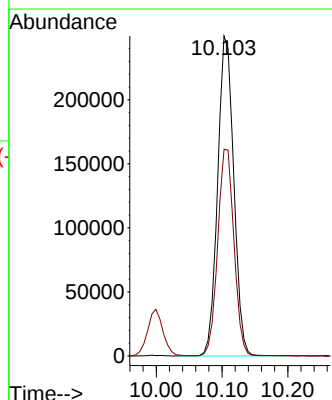
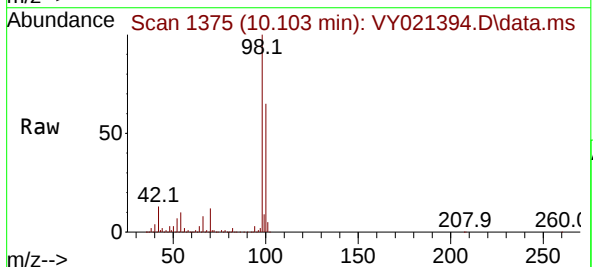
Acq: 28 Feb 2025 20:35

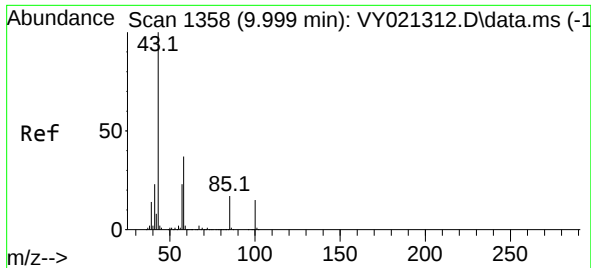
Tgt Ion: 98 Resp: 426333

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

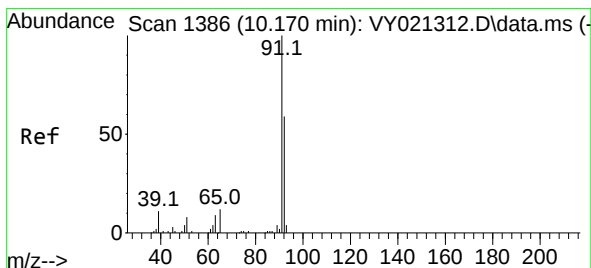
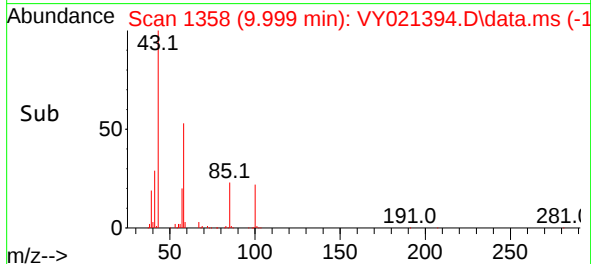
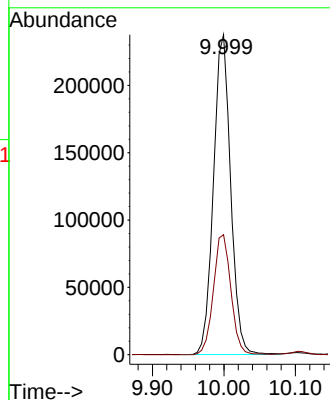
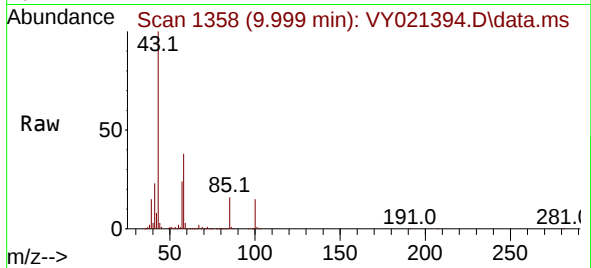




#51
4-Methyl-2-Pentanone
Concen: 257.437 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

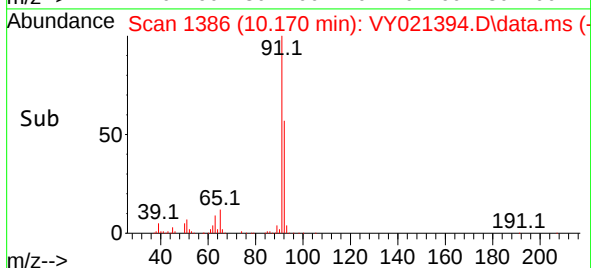
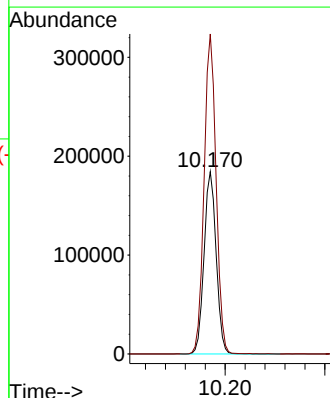
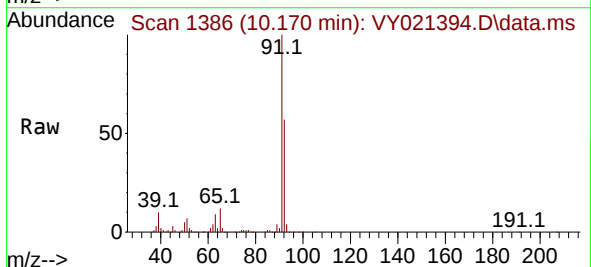
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

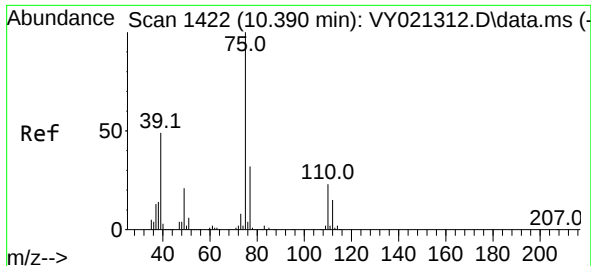
Tgt Ion: 43 Resp: 396229
Ion Ratio Lower Upper
43 100
58 38.3 30.1 45.1



#52
Toluene
Concen: 54.087 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 92 Resp: 310182
Ion Ratio Lower Upper
92 100
91 173.7 137.8 206.8

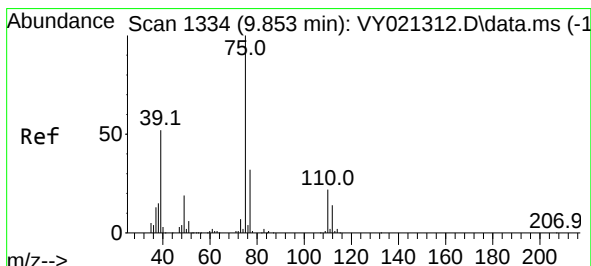
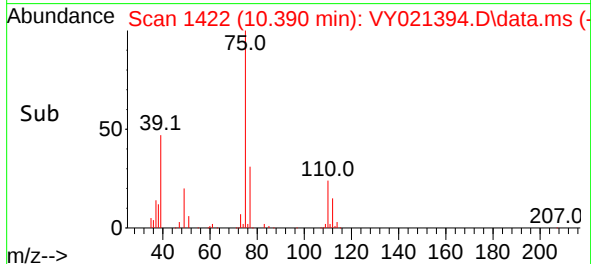
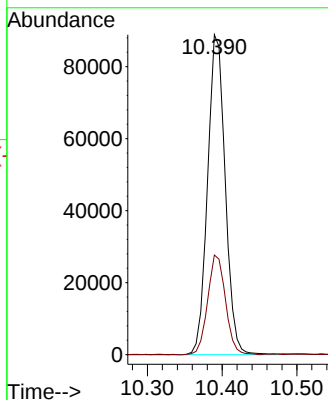
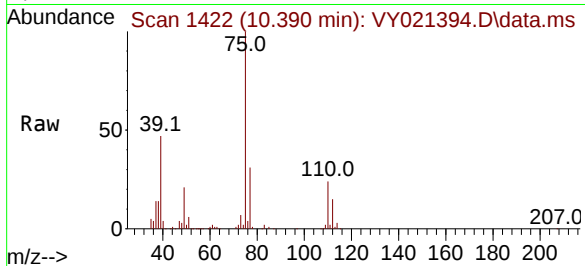




#53
t-1,3-Dichloropropene
Concen: 49.147 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

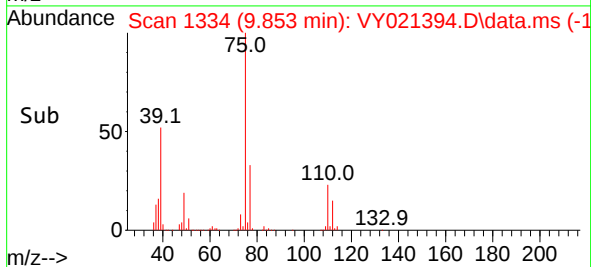
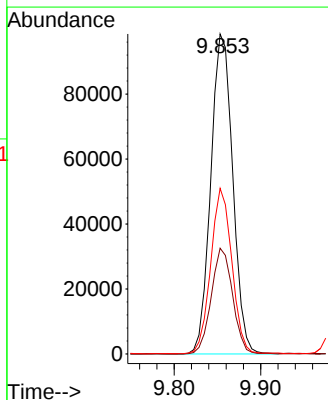
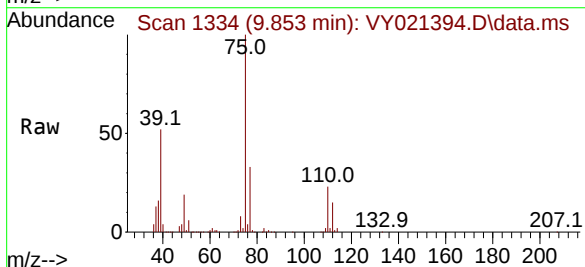
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

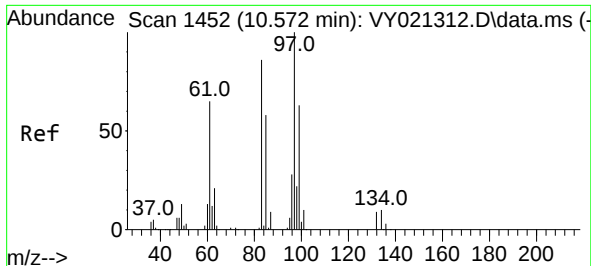
Tgt Ion: 75 Resp: 145797
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.533 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 75 Resp: 173470
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
39 51.6 41.8 62.6

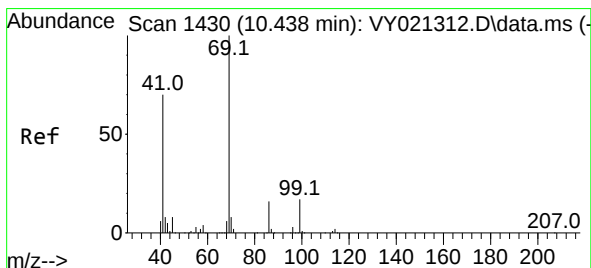
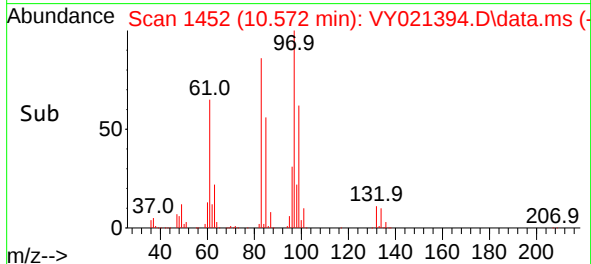
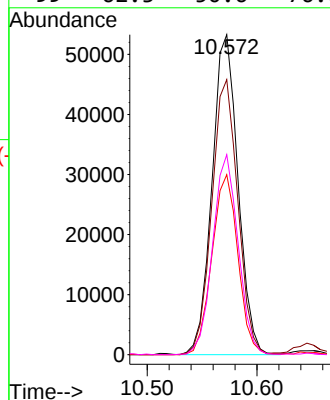
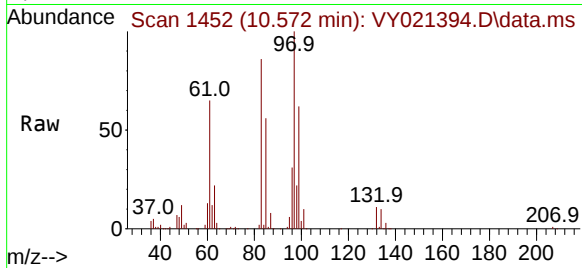




#55
1,1,2-Trichloroethane
Concen: 55.490 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

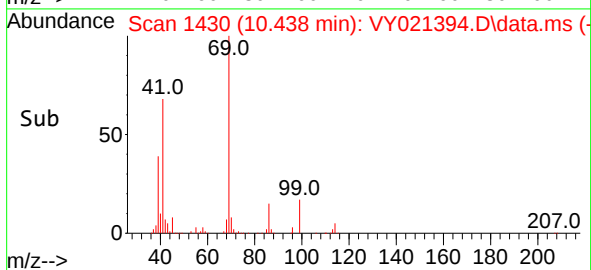
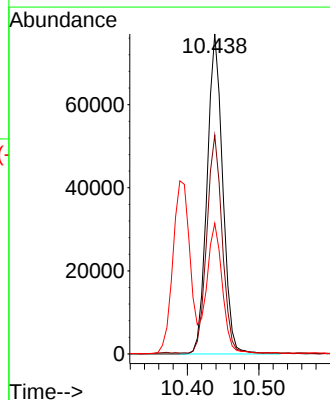
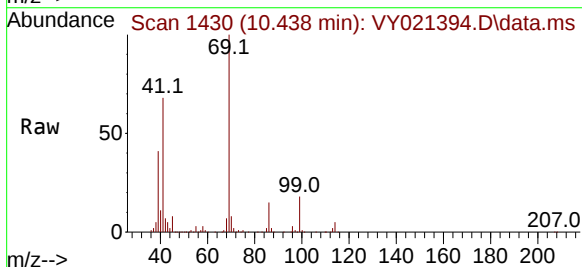
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

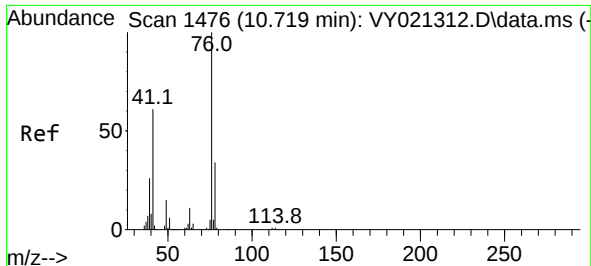
Tgt Ion: 97	Resp: 87784
Ion Ratio	Lower Upper
97 100	
83 85.8	68.7 103.1
85 56.3	46.3 69.5
99 62.3	50.6 76.0



#56
Ethyl methacrylate
Concen: 53.554 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 69	Resp: 117064
Ion Ratio	Lower Upper
69 100	
41 66.9	56.2 84.4
39 40.0	32.7 49.1





#57

1,3-Dichloropropane

Concen: 55.651 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

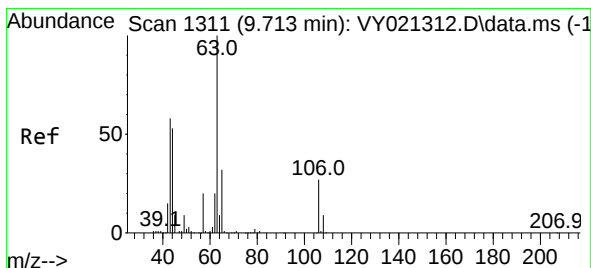
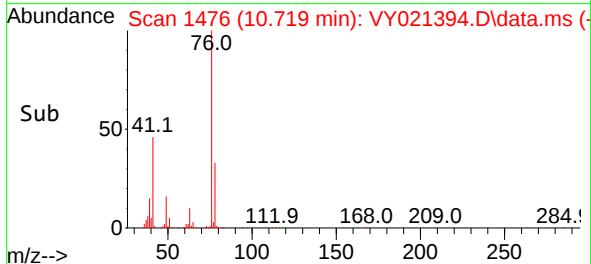
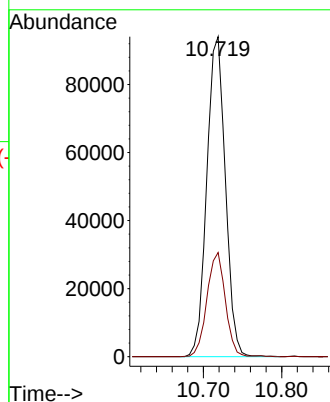
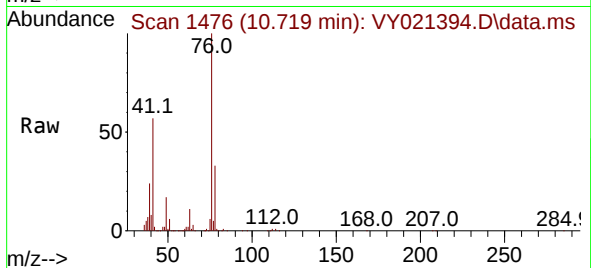
VSTDCCC050EC

Tgt Ion: 76 Resp: 154488

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 246.261 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021394.D

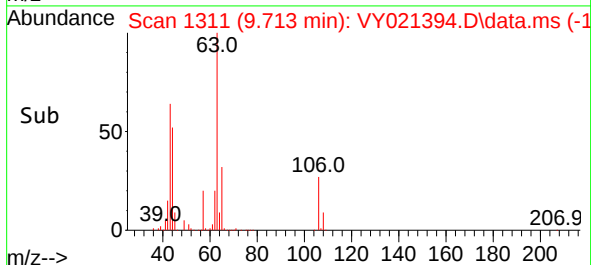
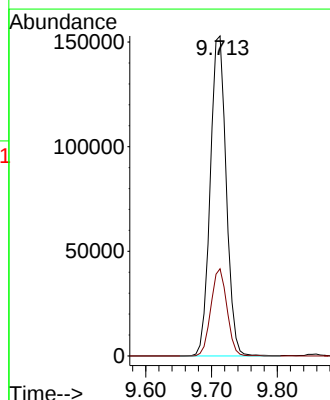
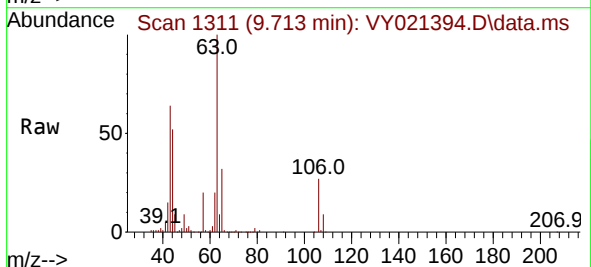
Acq: 28 Feb 2025 20:35

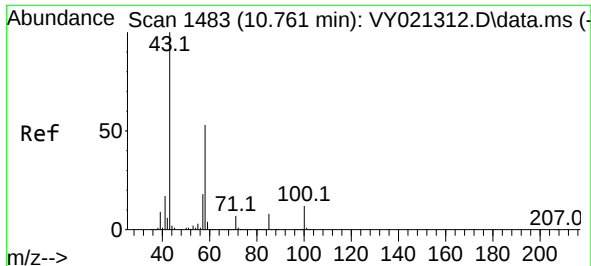
Tgt Ion: 63 Resp: 258376

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5

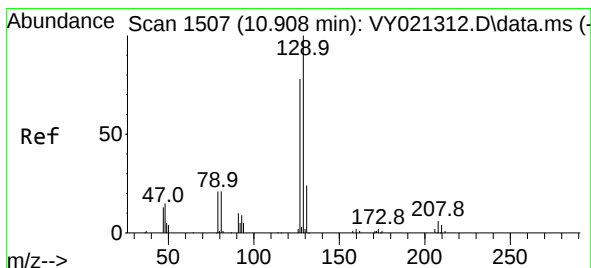
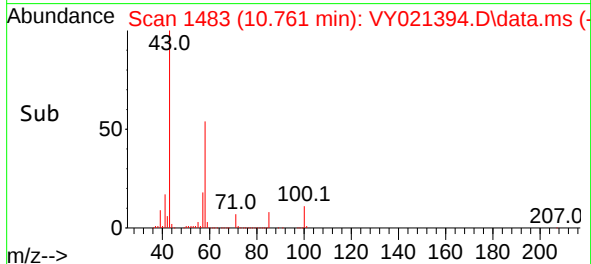
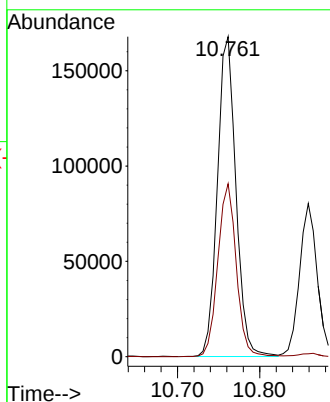
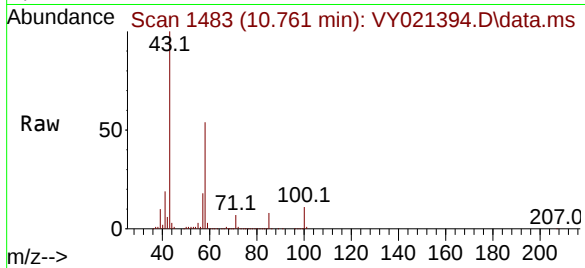




#59
2-Hexanone
Concen: 259.766 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

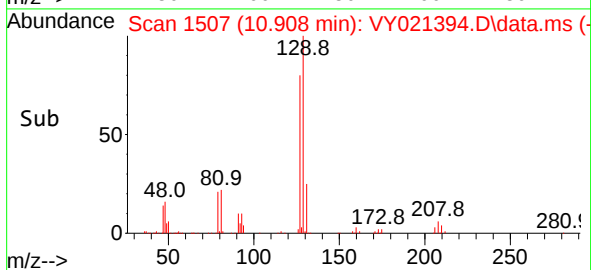
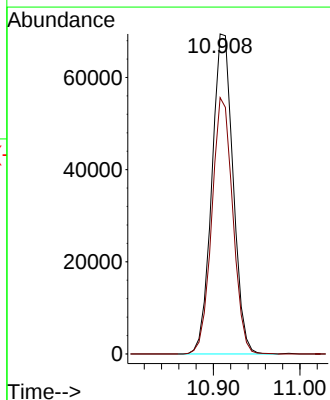
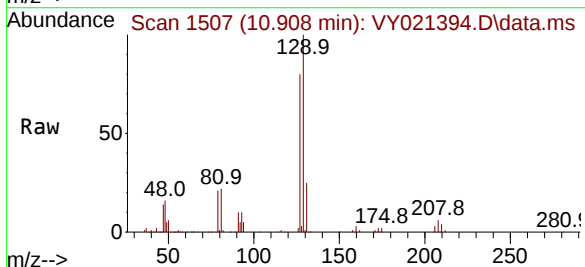
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

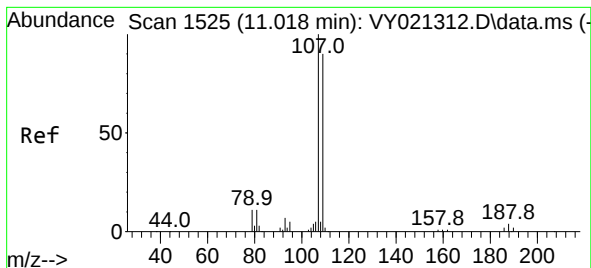
Tgt Ion: 43 Resp: 262577
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.6



#60
Dibromochloromethane
Concen: 54.909 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 129 Resp: 118305
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4

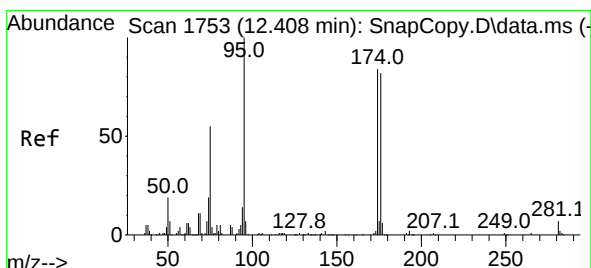
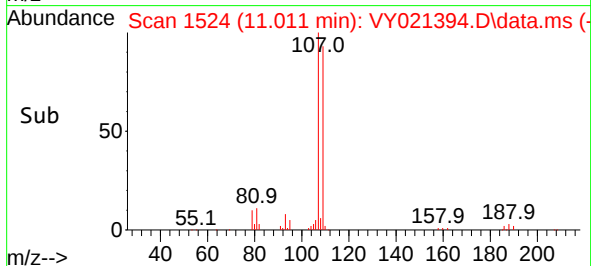
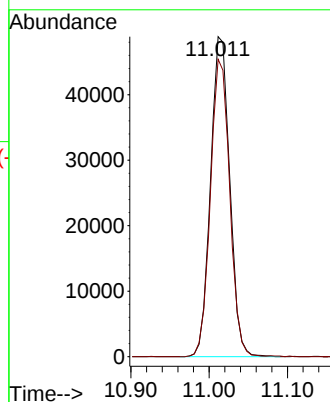
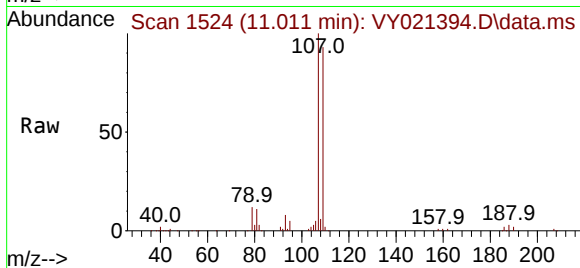




#61
1,2-Dibromoethane
Concen: 55.501 ug/l
RT: 11.011 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

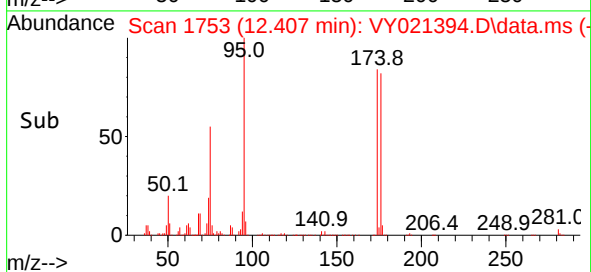
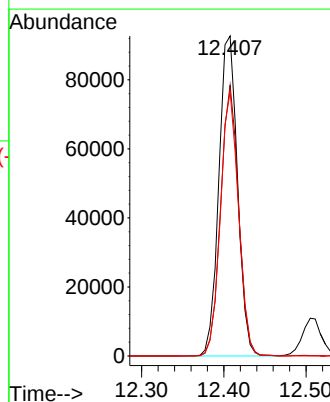
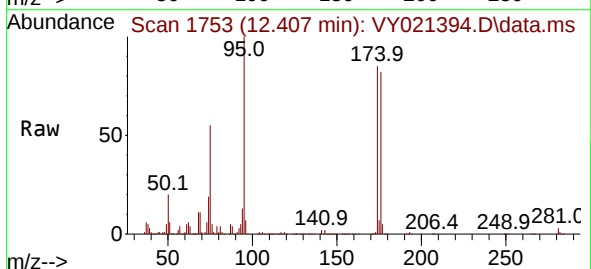
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

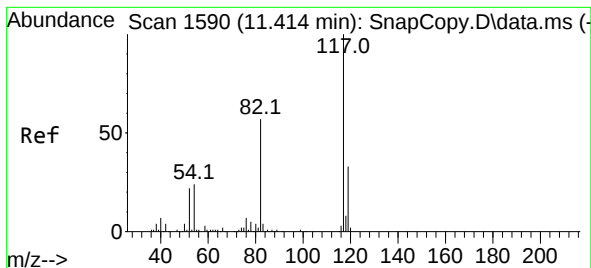
Tgt Ion:107 Resp: 83124
Ion Ratio Lower Upper
107 100
109 93.3 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 54.029 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 95 Resp: 146096
Ion Ratio Lower Upper
95 100
174 81.6 0.0 168.0
176 80.0 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: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

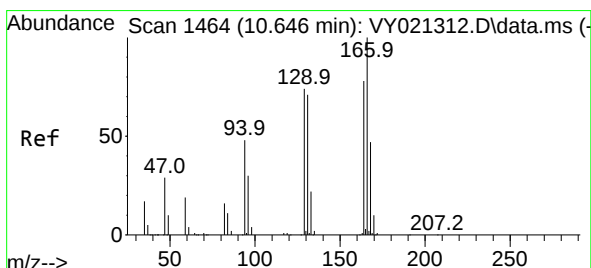
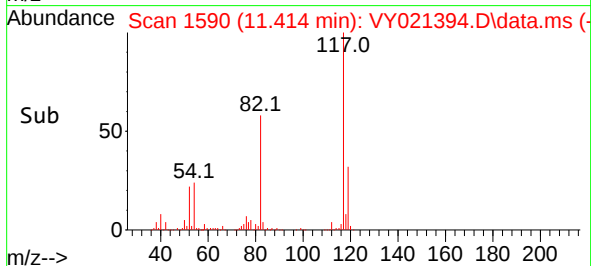
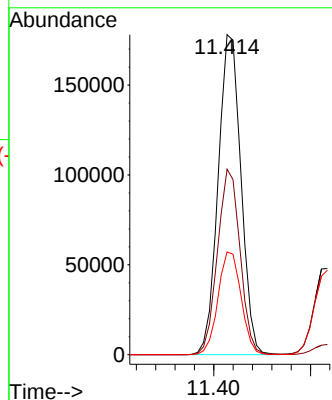
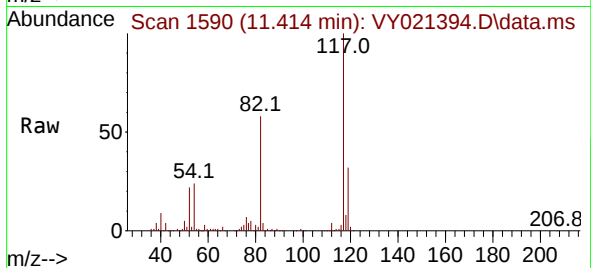
Tgt Ion:117 Resp: 291162

Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.4

119 32.1 24.9 37.3



#64

Tetrachloroethene

Concen: 49.942 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion:164 Resp: 109908

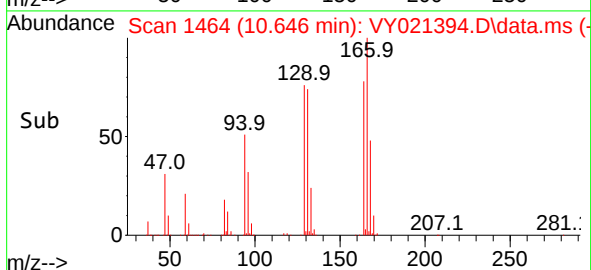
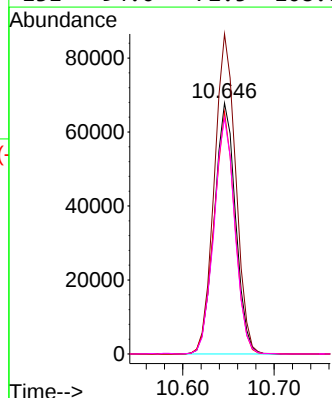
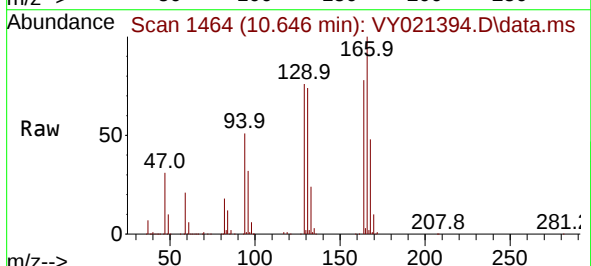
Ion Ratio Lower Upper

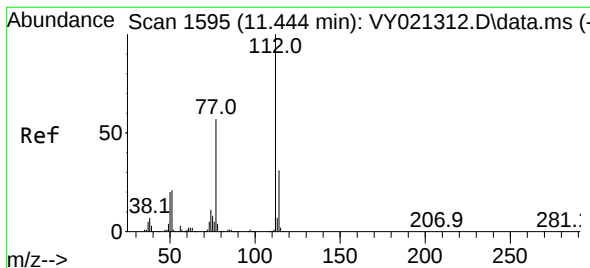
164 100

166 127.6 101.9 152.9

129 96.5 75.5 113.3

131 94.0 72.5 108.7

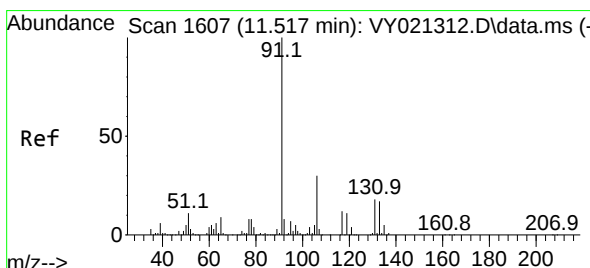
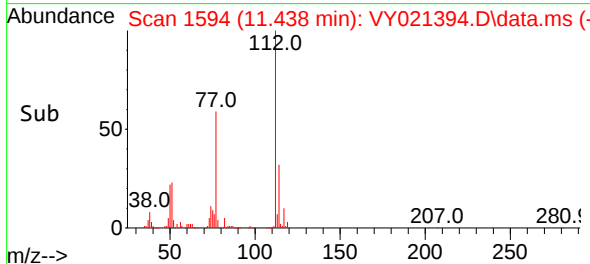
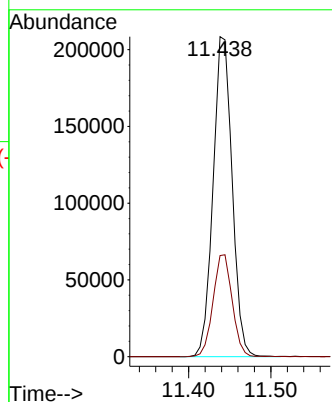
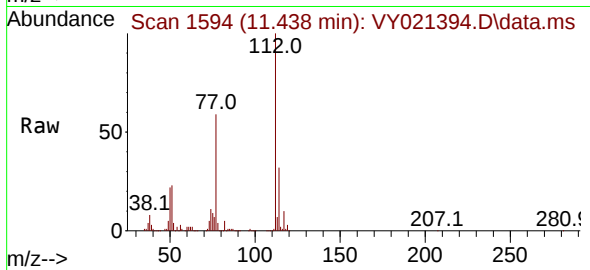




#65
Chlorobenzene
Concen: 51.298 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

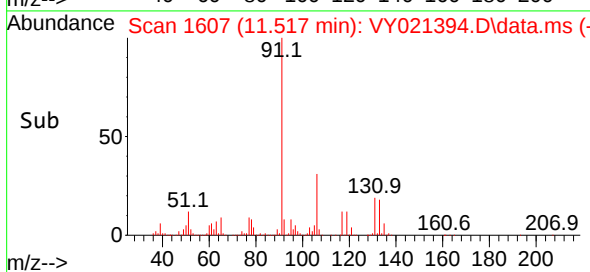
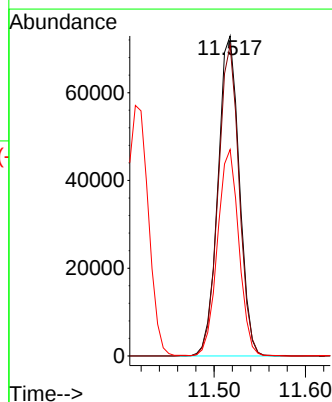
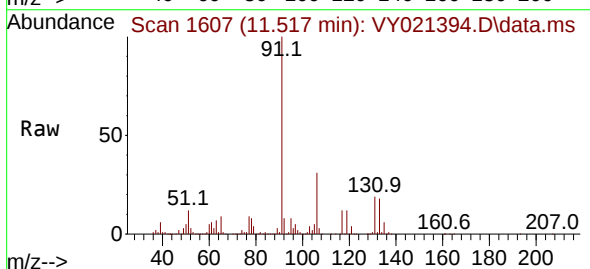
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

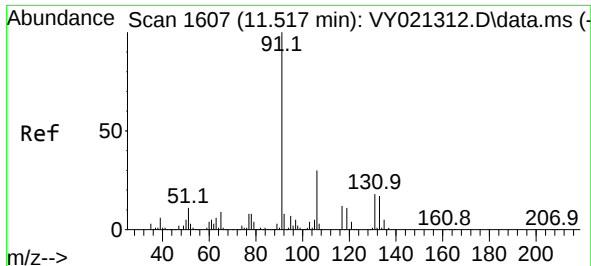
Tgt Ion:112 Resp: 335274
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.797 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion:131 Resp: 118539
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 64.5 31.7 95.1





#67

Ethyl Benzene

Concen: 50.804 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

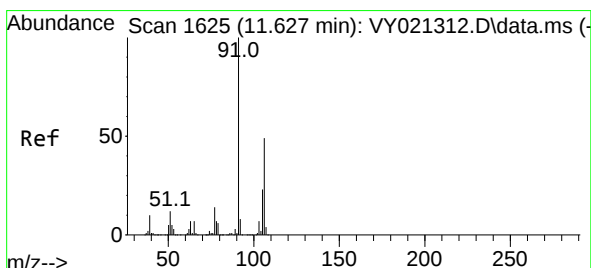
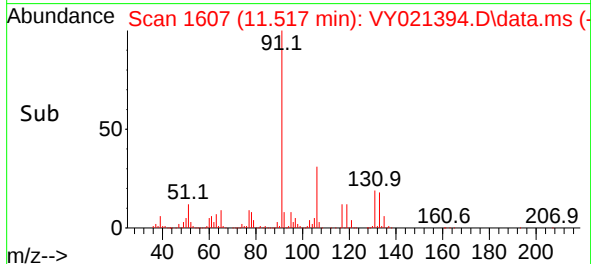
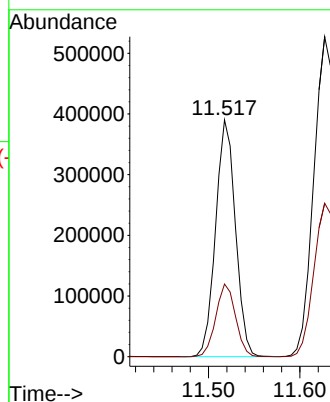
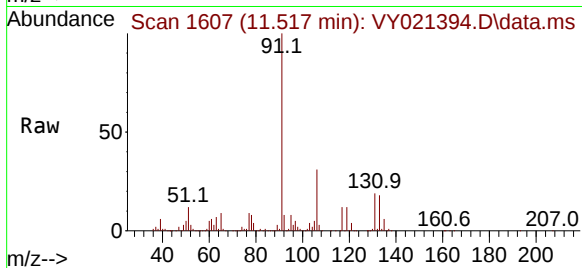
VSTDCCC050EC

Tgt Ion: 91 Resp: 588147

Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



#68

m/p-Xylenes

Concen: 103.694 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021394.D

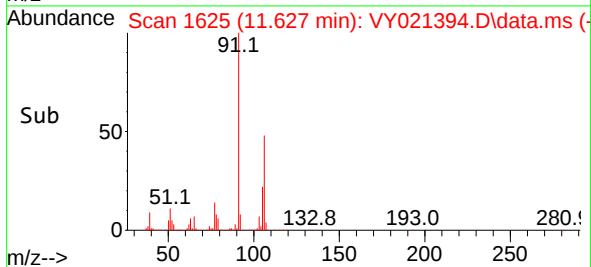
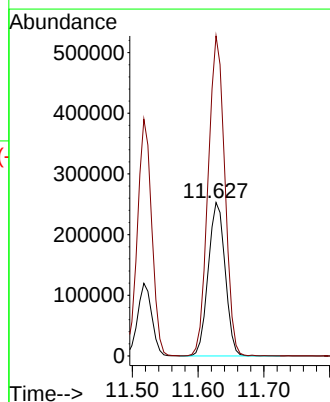
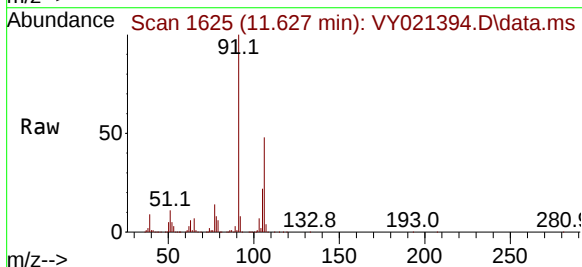
Acq: 28 Feb 2025 20:35

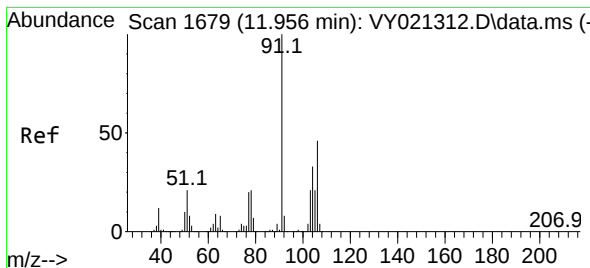
Tgt Ion:106 Resp: 451530

Ion Ratio Lower Upper

106 100

91 205.7 163.9 245.9

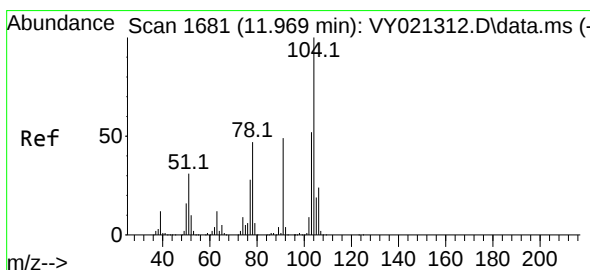
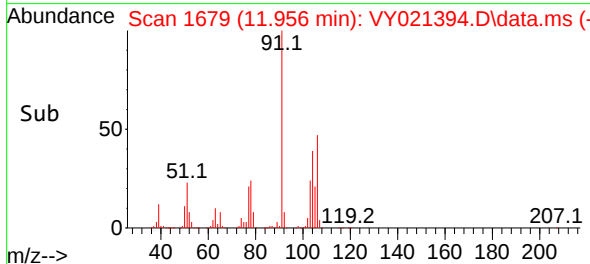
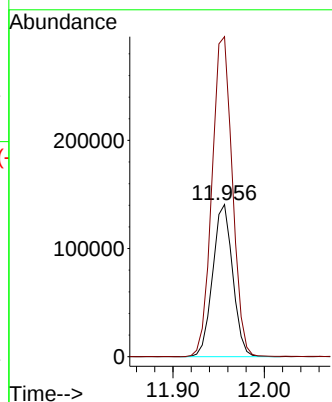
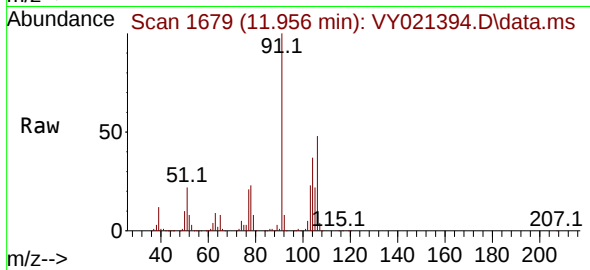




#69
o-Xylene
Concen: 52.536 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

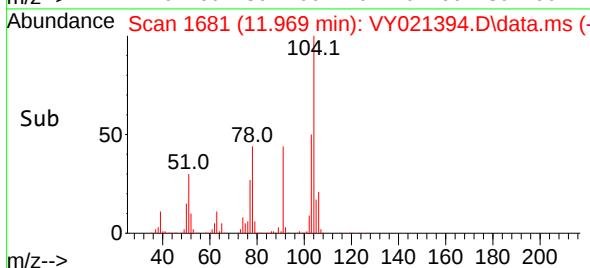
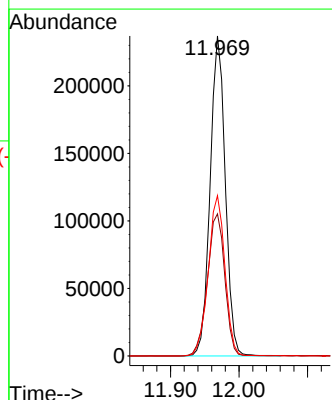
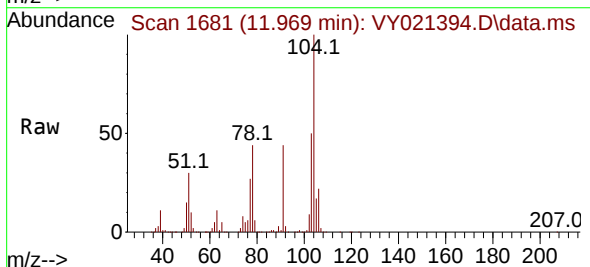
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

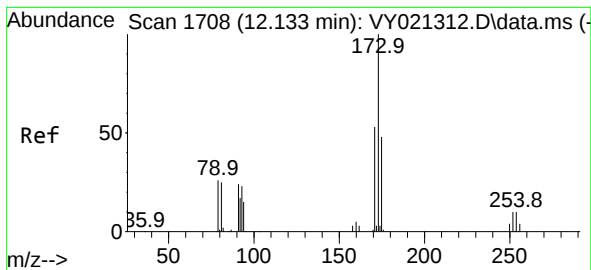
Tgt Ion:106 Resp: 214309
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.2



#70
Styrene
Concen: 53.776 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion:104 Resp: 364990
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 55.0 43.9 65.9





#71

Bromoform

Concen: 51.512 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

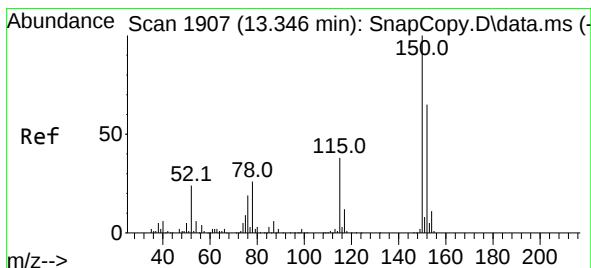
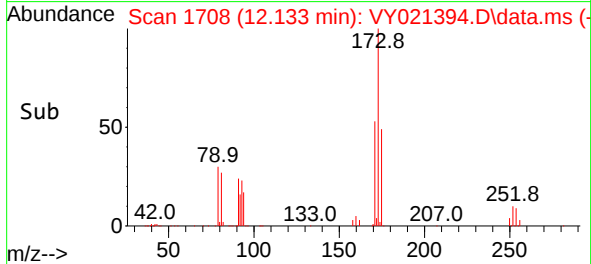
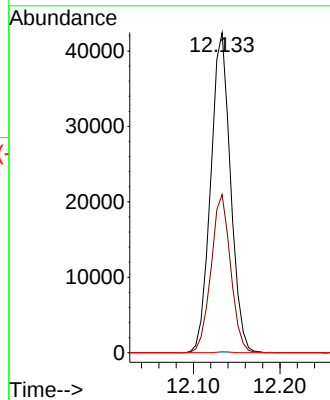
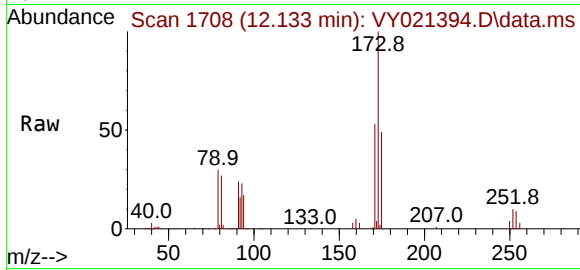
Tgt Ion:173 Resp: 67441

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

254 0.2 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: VY021394.D

Acq: 28 Feb 2025 20:35

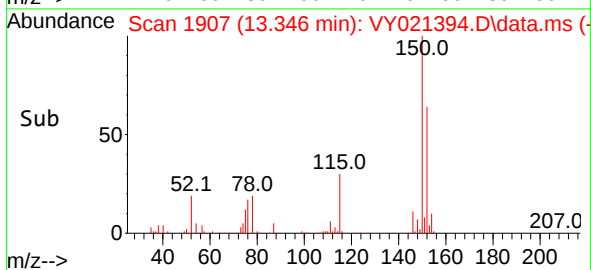
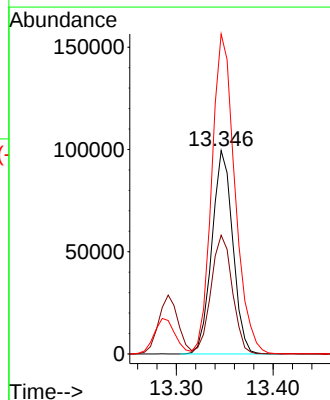
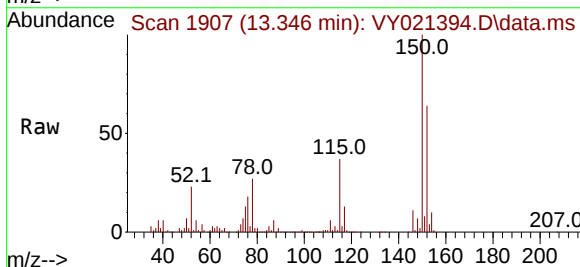
Tgt Ion:152 Resp: 148923

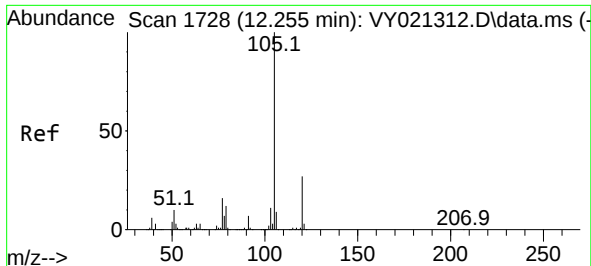
Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

150 174.3 0.0 347.4

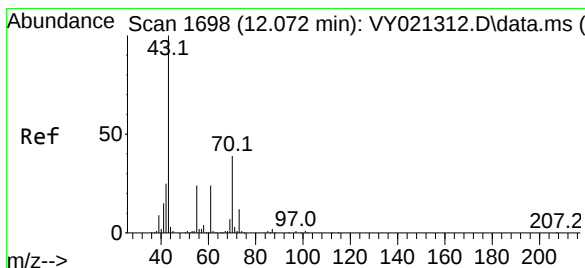
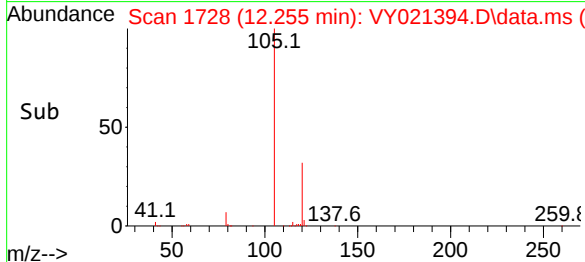
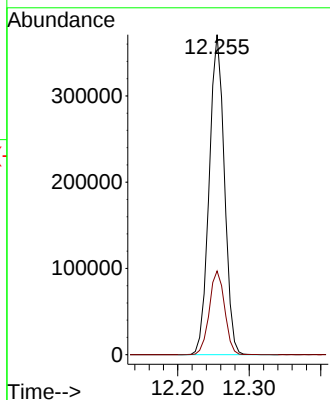
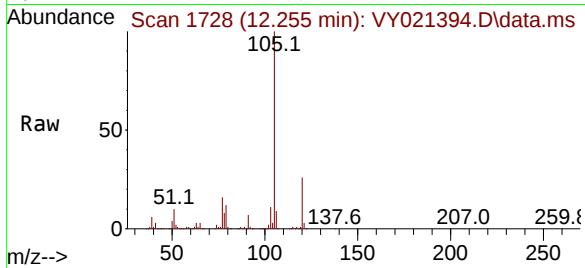




#73
Isopropylbenzene
Concen: 48.836 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

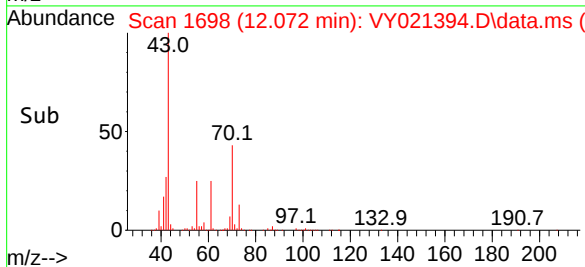
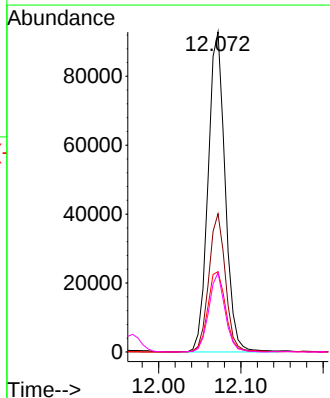
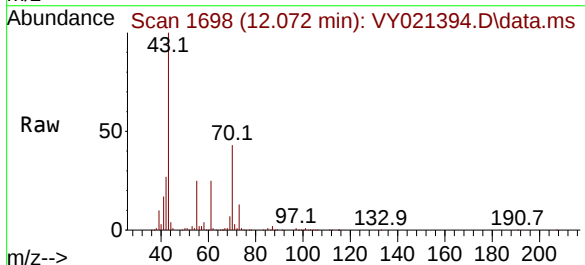
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

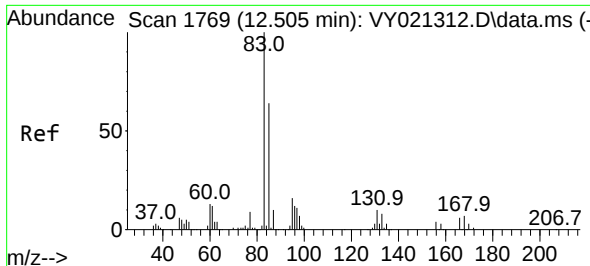
Tgt Ion:105 Resp: 546761
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8



#74
N-ethyl acetate
Concen: 47.031 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 43 Resp: 133839
Ion Ratio Lower Upper
43 100
70 42.4 32.2 48.2
55 26.6 19.6 29.4
61 23.6 18.3 27.5

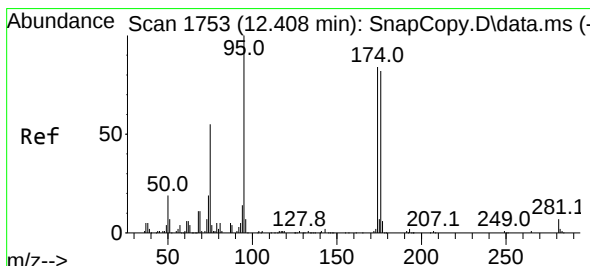
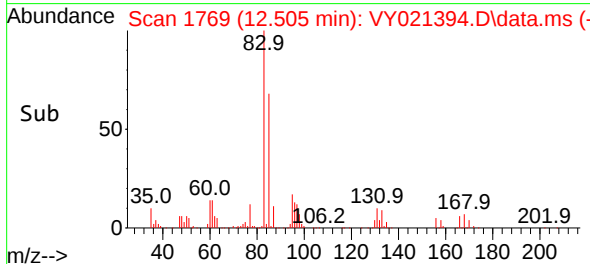
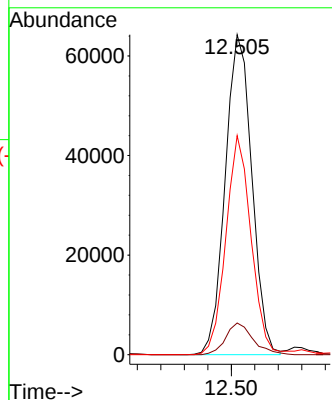
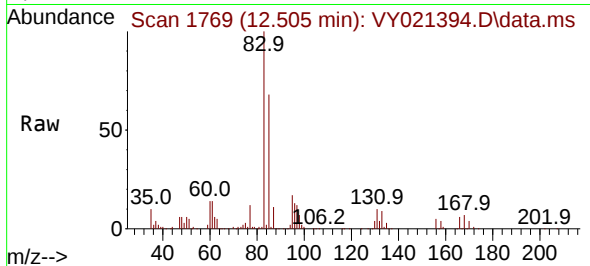




#75
1,1,2,2-Tetrachloroethane
Concen: 51.284 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

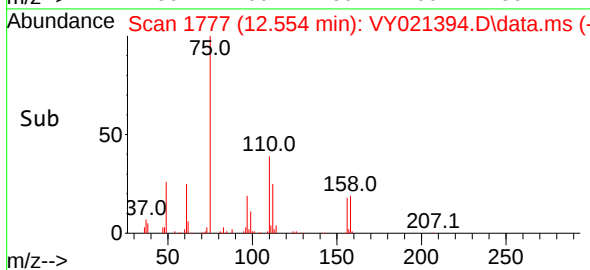
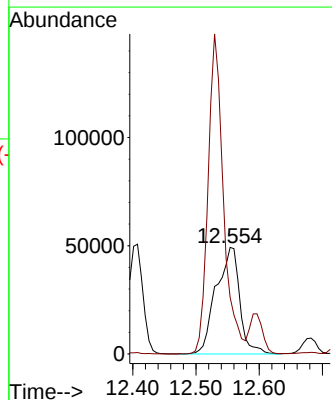
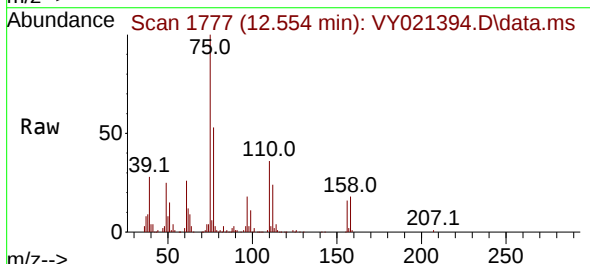
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

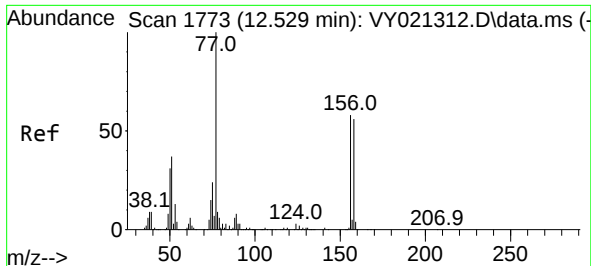
Tgt Ion: 83 Resp: 101333
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 65.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 85.477 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 75 Resp: 127415
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

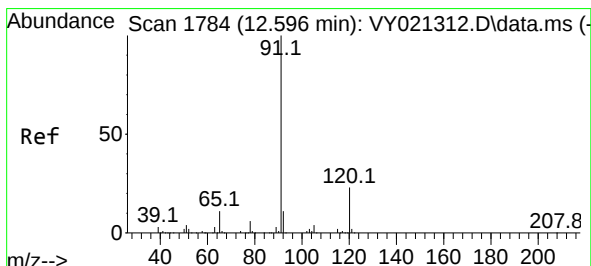
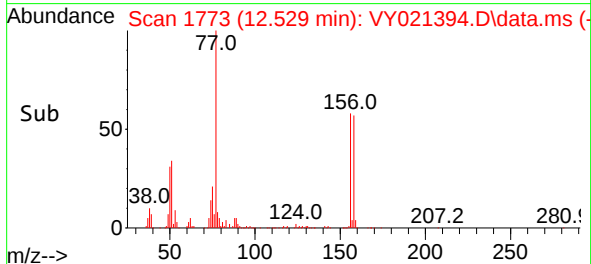
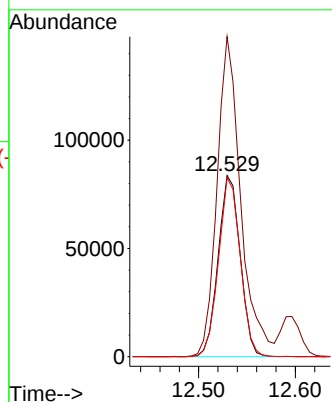
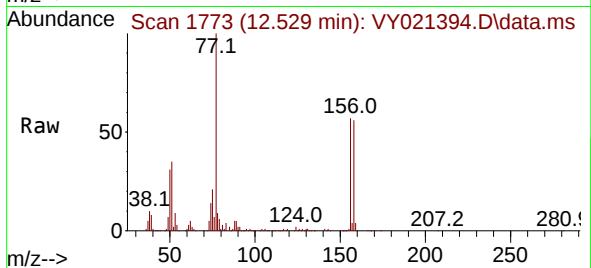




#77
Bromobenzene
Concen: 50.677 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

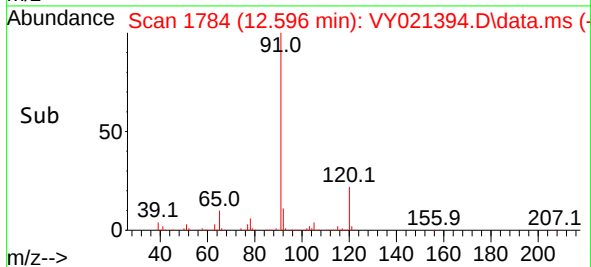
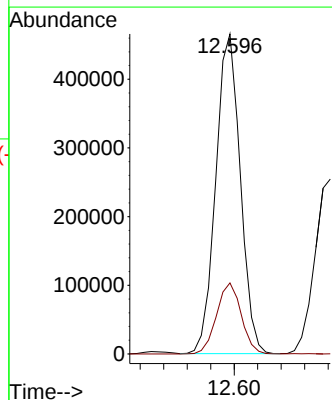
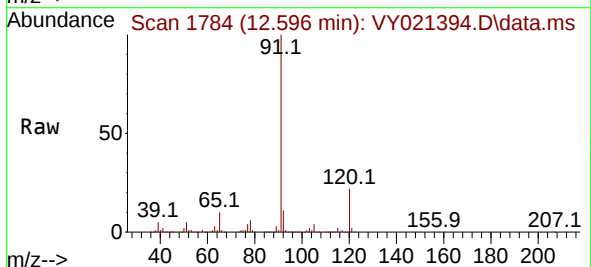
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

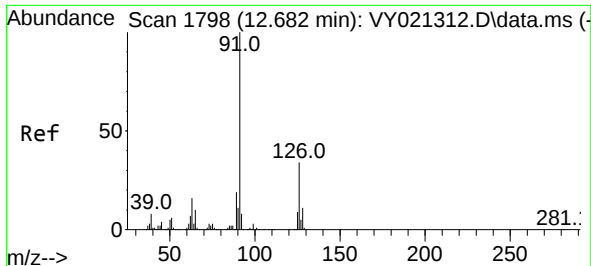
Tgt Ion:156 Resp: 131969
Ion Ratio Lower Upper
156 100
77 190.8 94.0 282.1
158 97.7 48.7 146.1



#78
n-propylbenzene
Concen: 49.599 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 91 Resp: 673854
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

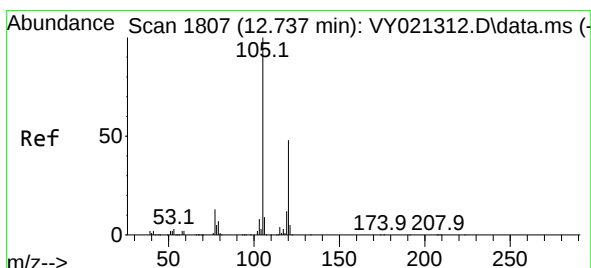
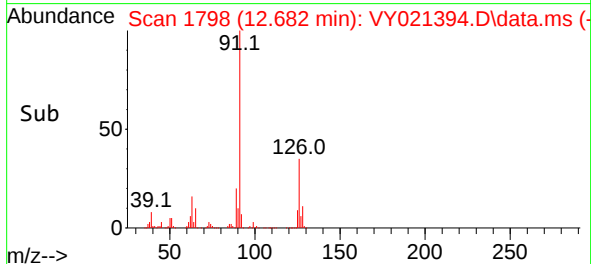
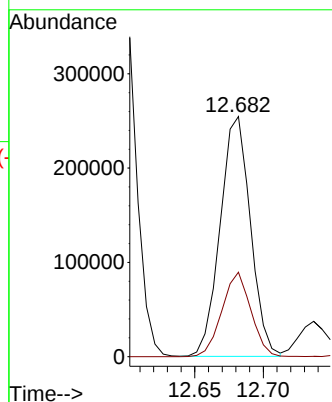
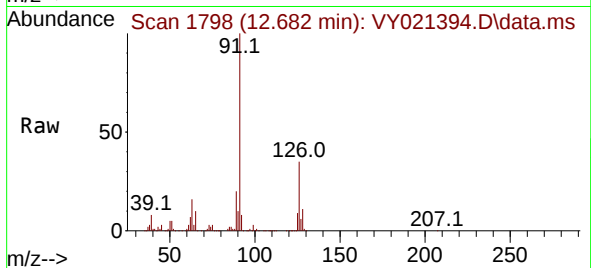




#79
2-Chlorotoluene
Concen: 50.158 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

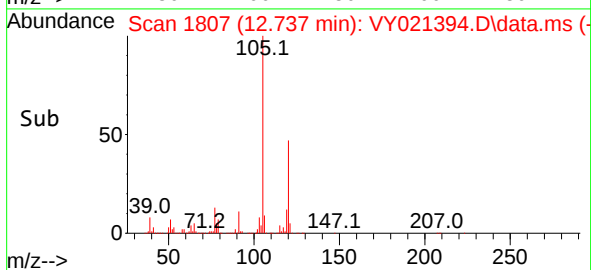
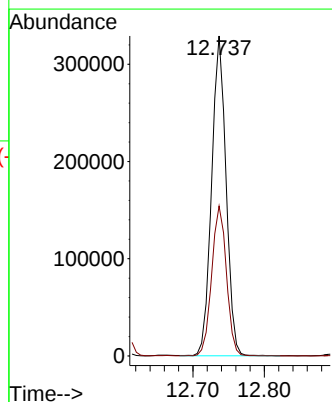
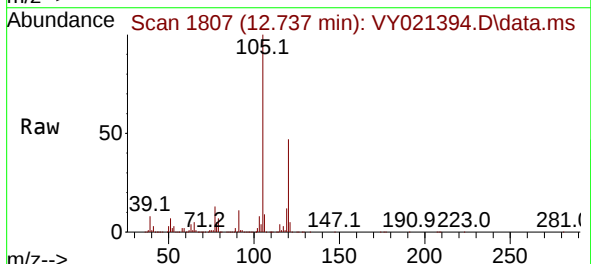
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

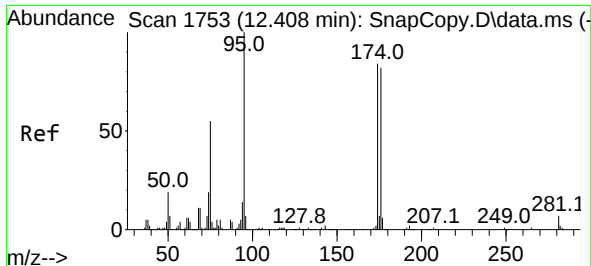
Tgt Ion: 91 Resp: 391087
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.117 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 105 Resp: 460201
Ion Ratio Lower Upper
105 100
120 47.8 24.3 73.0

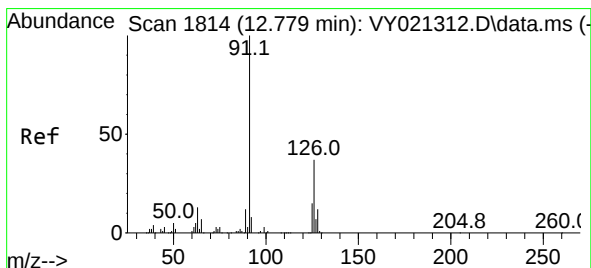
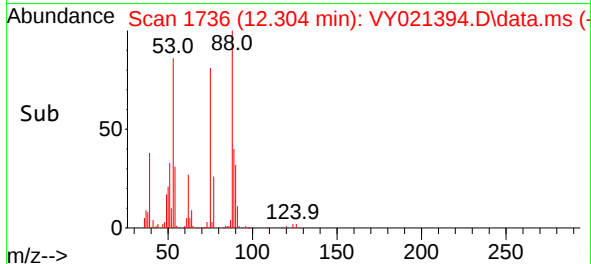
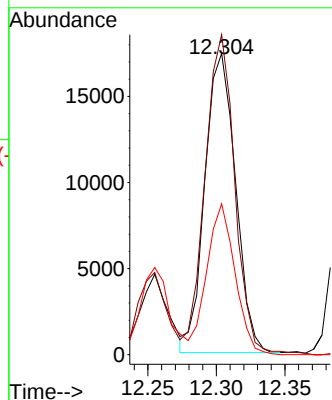
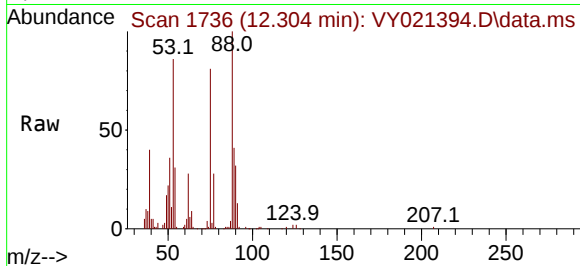




#81
trans-1,4-Dichloro-2-butene
Concen: 40.268 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

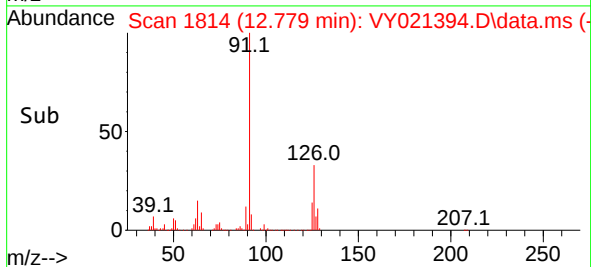
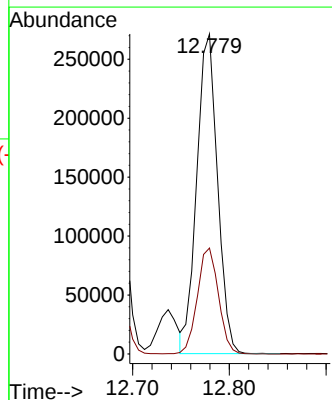
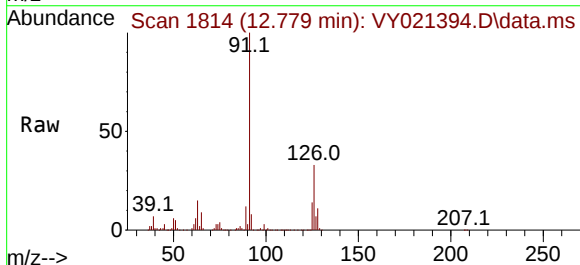
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

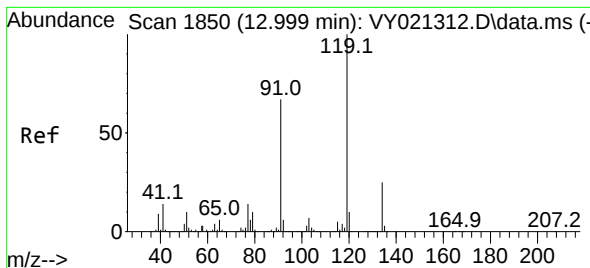
Tgt Ion: 75 Resp: 27006
Ion Ratio Lower Upper
75 100
53 104.4 79.1 118.7
89 46.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 50.161 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 91 Resp: 405427
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 48.992 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

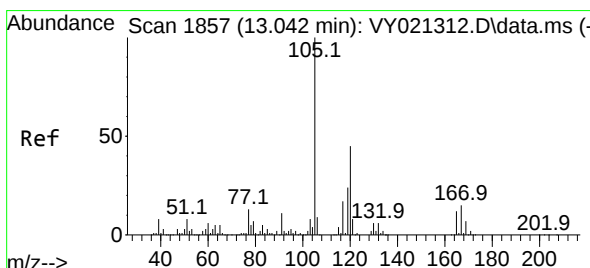
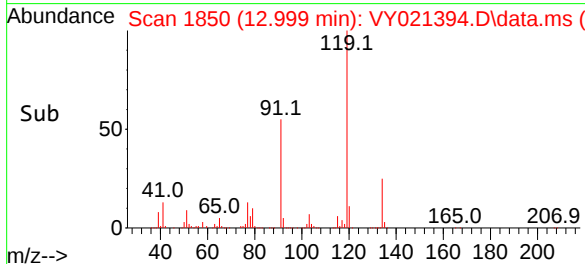
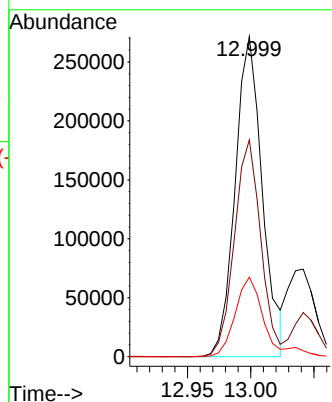
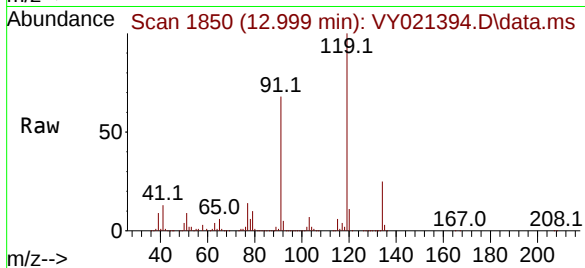
Tgt Ion:119 Resp: 406370

Ion Ratio Lower Upper

119 100

91 65.8 32.7 98.1

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.779 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021394.D

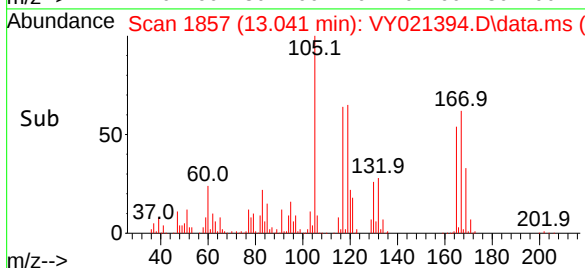
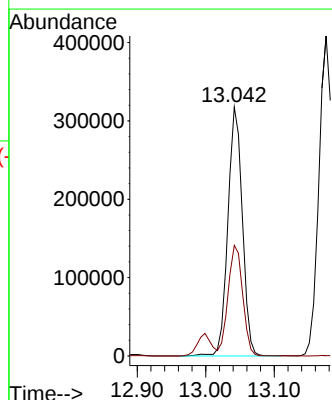
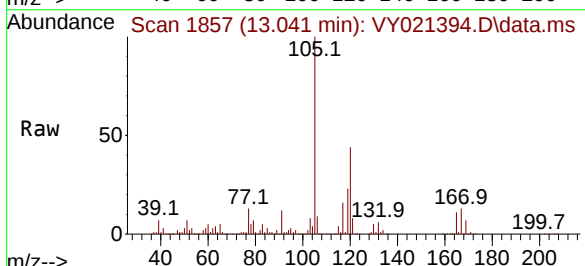
Acq: 28 Feb 2025 20:35

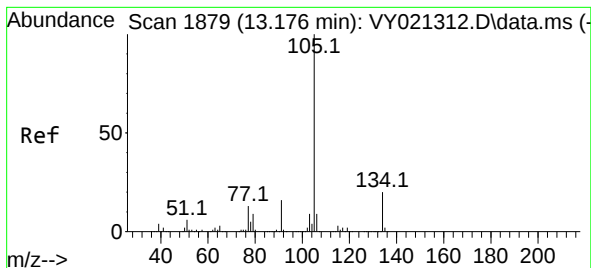
Tgt Ion:105 Resp: 463737

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 48.567 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

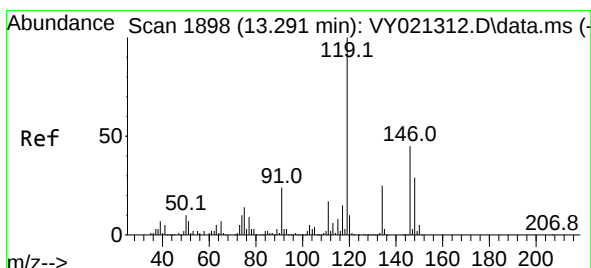
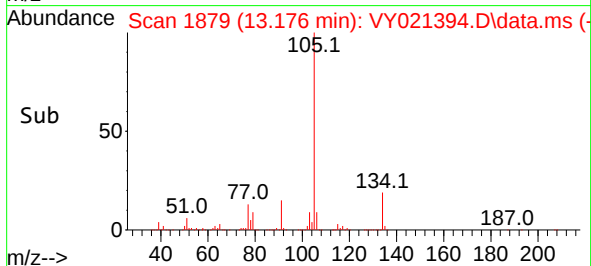
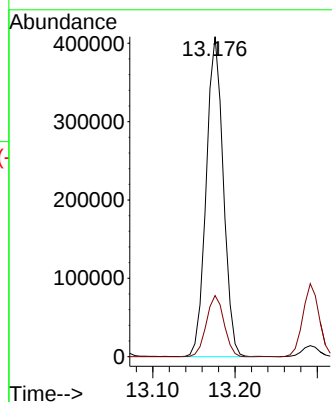
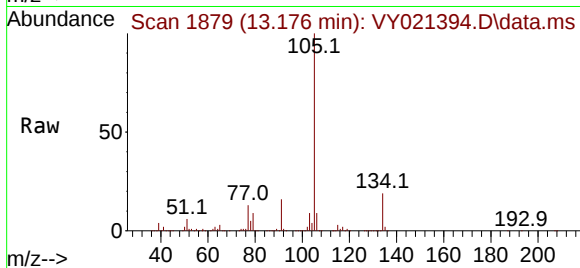
VSTDCCC050EC

Tgt Ion:105 Resp: 588438

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 48.374 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

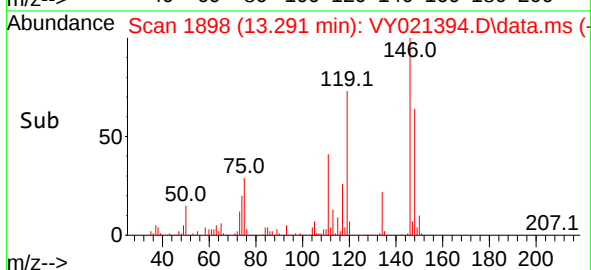
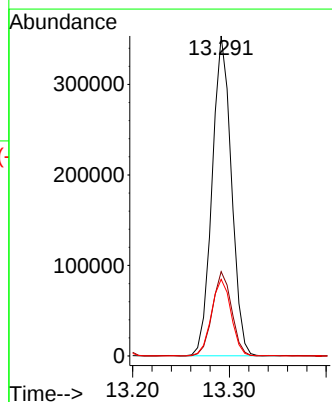
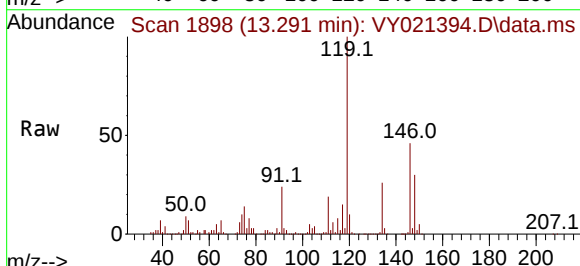
Tgt Ion:119 Resp: 489393

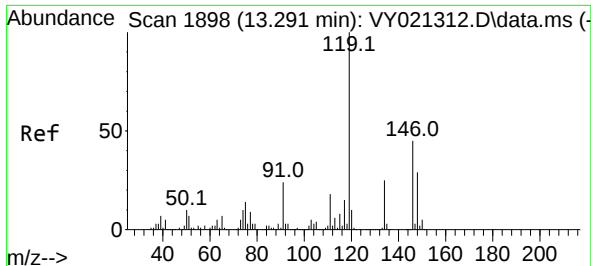
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 24.4 12.0 36.1

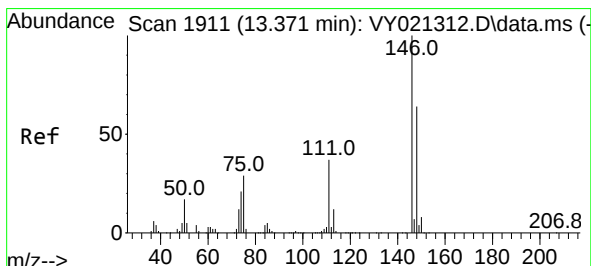
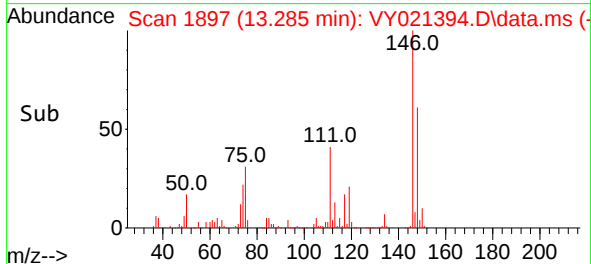
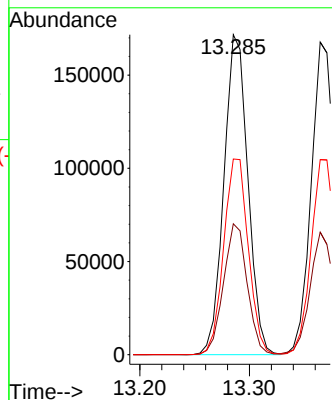
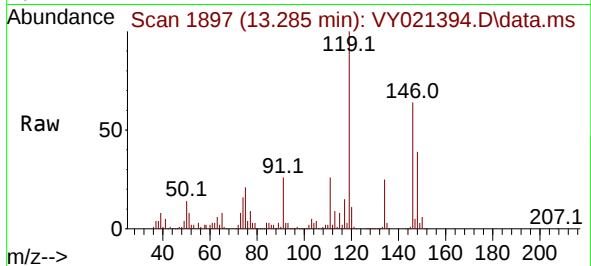




#87
 1,3-Dichlorobenzene
 Concen: 50.673 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

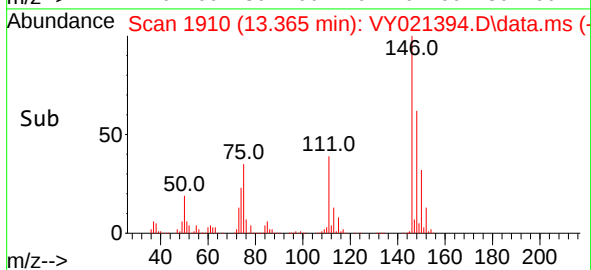
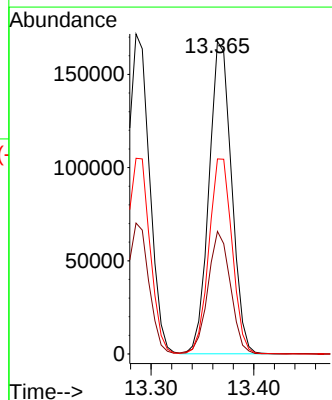
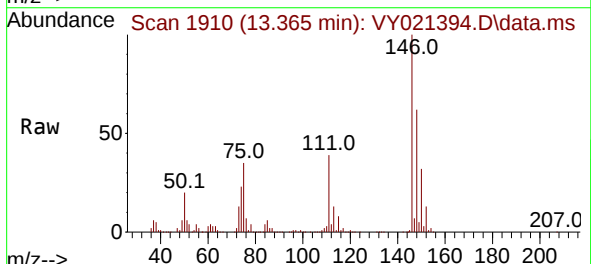
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

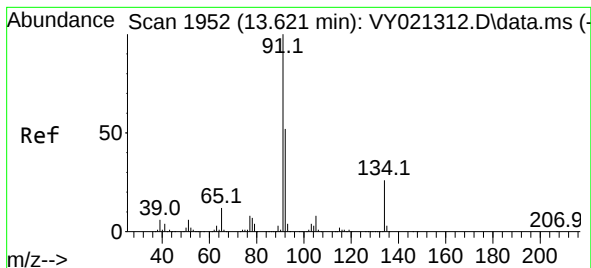
Tgt Ion:146 Resp: 261031
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 59.9
 148 62.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.308 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021394.D
 Acq: 28 Feb 2025 20:35

Tgt Ion:146 Resp: 256010
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.5 58.5
 148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 46.782 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

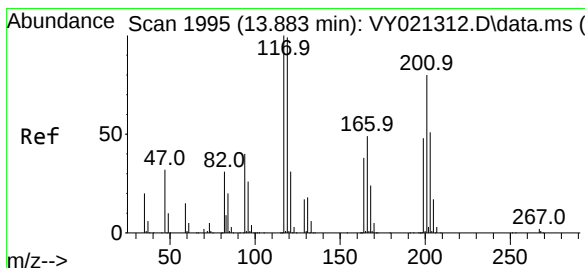
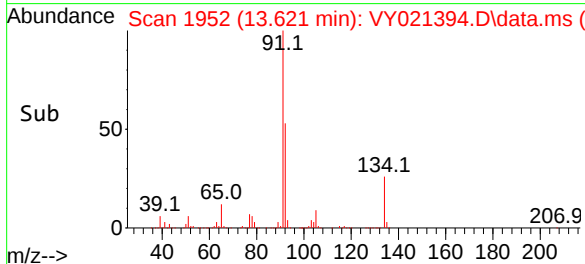
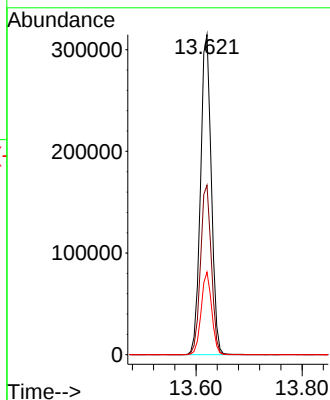
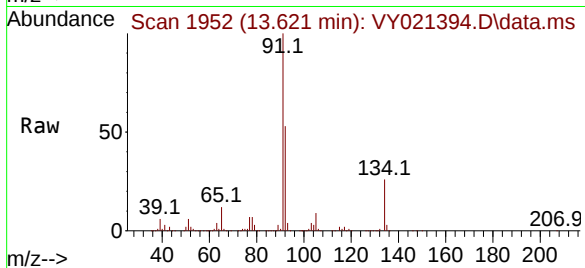
Tgt Ion: 91 Resp: 445383

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 25.2 12.7 38.0



#90

Hexachloroethane

Concen: 49.780 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY021394.D

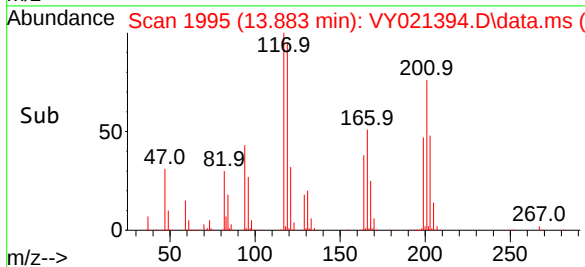
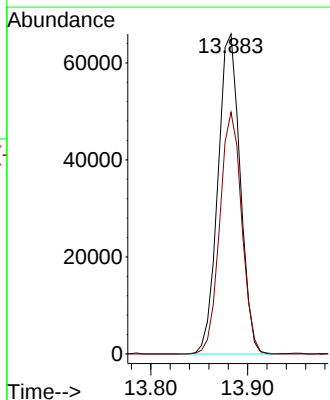
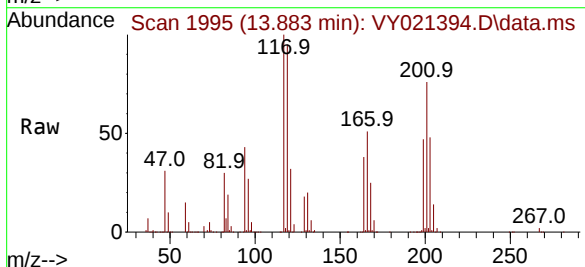
Acq: 28 Feb 2025 20:35

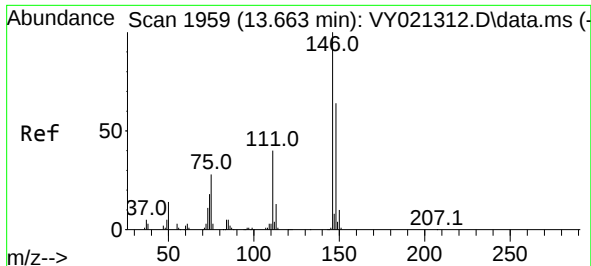
Tgt Ion: 117 Resp: 105196

Ion Ratio Lower Upper

117 100

201 74.5 38.4 115.2

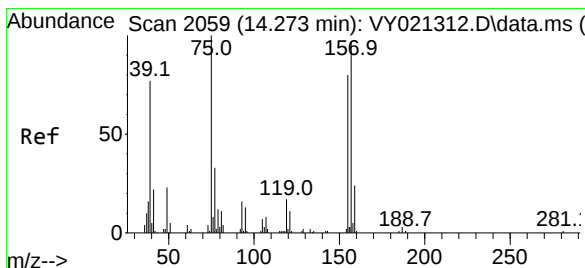
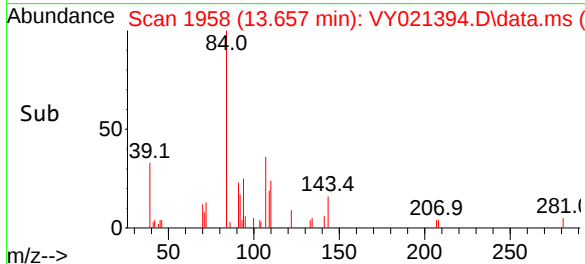
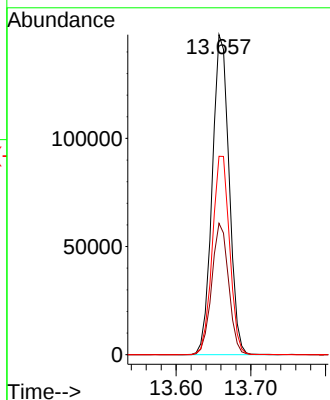
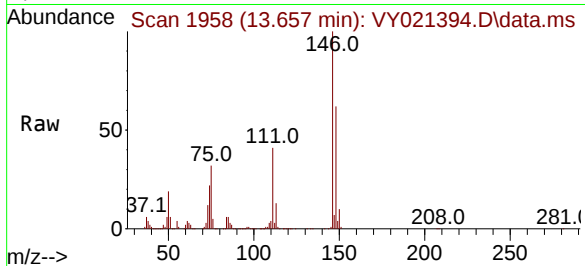




#91
1,2-Dichlorobenzene
Concen: 51.330 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

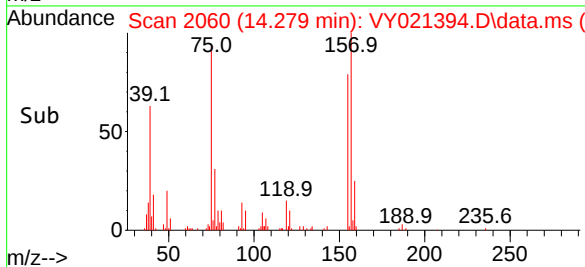
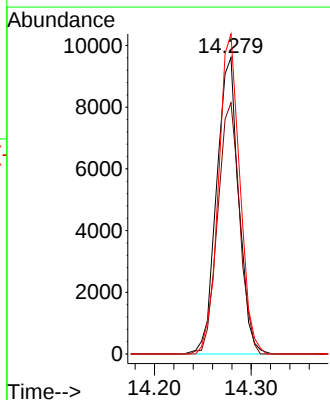
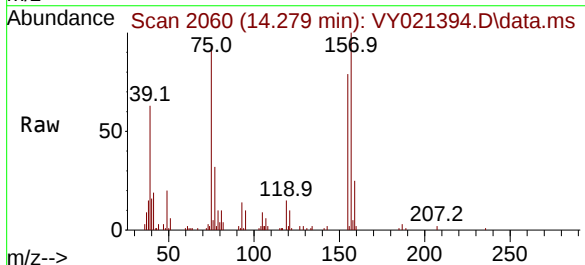
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

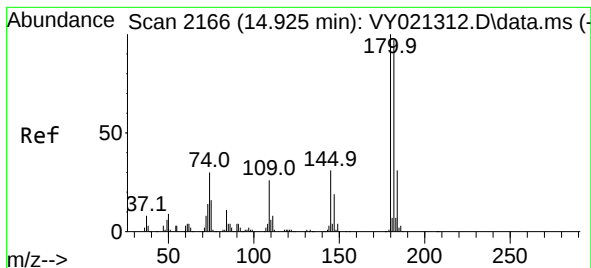
Tgt Ion:146 Resp: 231661
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.622 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021394.D
Acq: 28 Feb 2025 20:35

Tgt Ion: 75 Resp: 15198
Ion Ratio Lower Upper
75 100
155 84.4 41.9 125.6
157 104.3 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 46.302 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

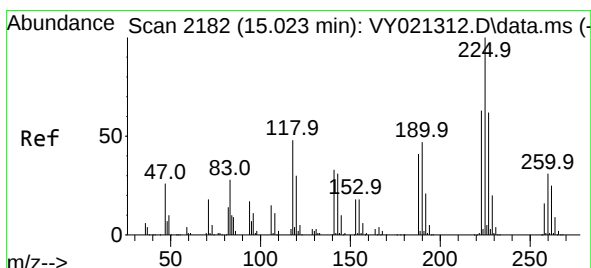
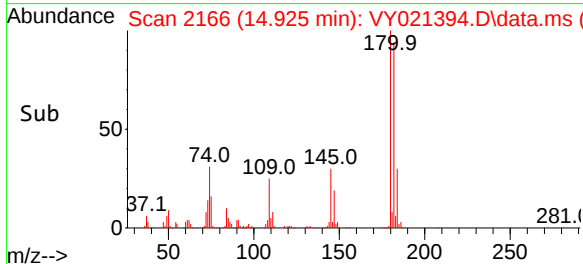
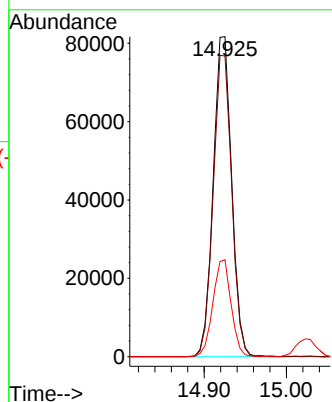
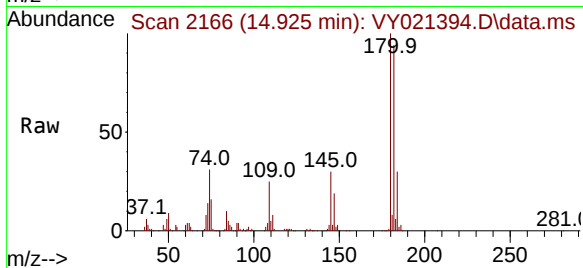
Tgt Ion:180 Resp: 127543

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 29.9 15.6 46.8



#94

Hexachlorobutadiene

Concen: 43.118 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

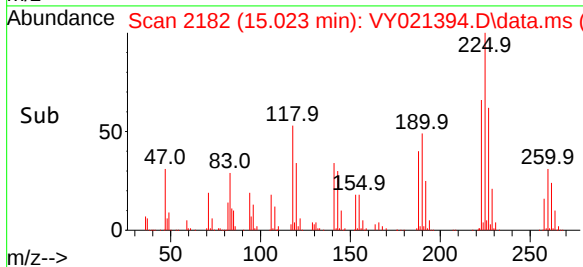
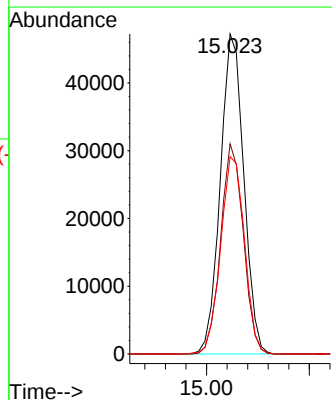
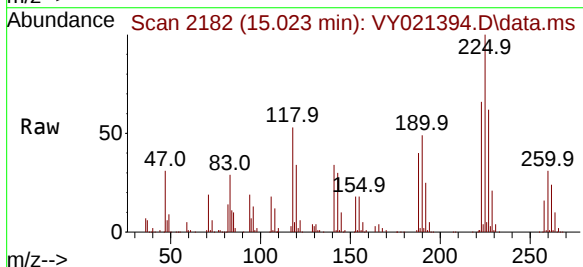
Tgt Ion:225 Resp: 74774

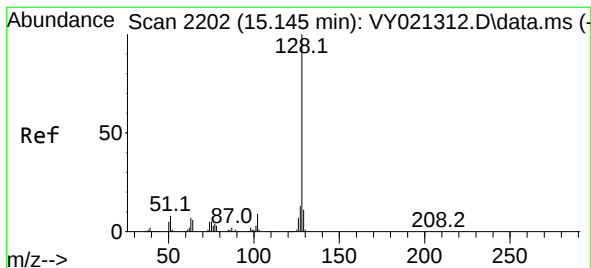
Ion Ratio Lower Upper

225 100

223 63.3 31.8 95.4

227 62.7 31.9 95.7





#95

Naphthalene

Concen: 48.428 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

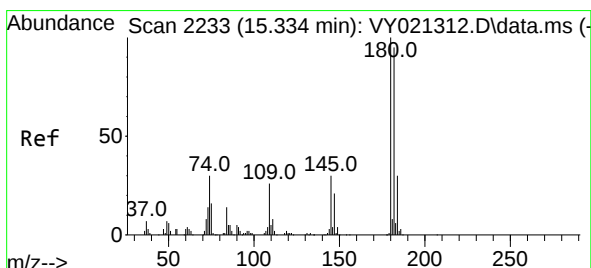
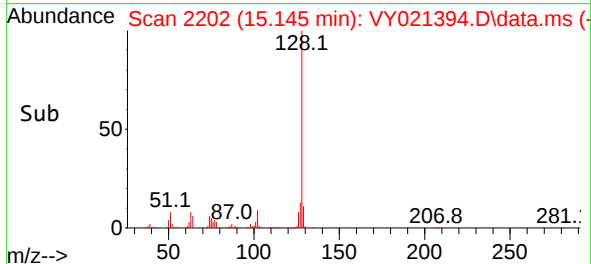
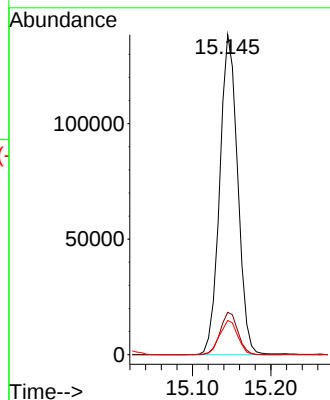
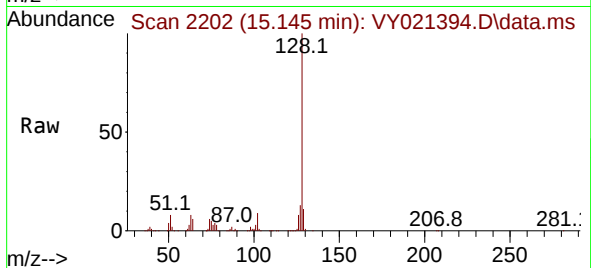
Tgt Ion:128 Resp: 220957

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 47.627 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021394.D

Acq: 28 Feb 2025 20:35

Tgt Ion:180 Resp: 110845

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.9

145 31.7 16.1 48.3

