

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021024.D
 Acq On : 03 Feb 2025 12:21
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 03 12:39:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 12:36:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	190137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	289157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	248171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	115163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	172797	106.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.480%#	
35) Dibromofluoromethane	7.646	113	171851	98.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 197.720%#	
50) Toluene-d8	10.115	98	669691	98.702	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 197.400%#	
62) 4-Bromofluorobenzene	12.414	95	216644	95.157	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 190.320%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	159301	98.533	ug/l	100
3) Chloromethane	2.074	50	153706	149.541	ug/l	98
4) Vinyl Chloride	2.214	62	155011	146.266	ug/l	99
5) Bromomethane	2.604	94	93622	130.495	ug/l	96
6) Chloroethane	2.745	64	91012	147.011	ug/l	99
7) Trichlorofluoromethane	3.068	101	282462	110.443	ug/l	99
8) Diethyl Ether	3.464	74	87561	114.680	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.830	101	177279	102.939	ug/l	95
10) Methyl Iodide	4.019	142	218905	111.078	ug/l	99
11) Tert butyl alcohol	4.872	59	53461	452.085	ug/l	99
12) 1,1-Dichloroethene	3.799	96	171787	106.739	ug/l	88
13) Acrolein	3.659	56	89546	657.572	ug/l	99
14) Allyl chloride	4.397	41	294317	132.835	ug/l	92
15) Acrylonitrile	5.067	53	179975	573.057	ug/l	99
16) Acetone	3.879	43	133780	606.320	ug/l	90
17) Carbon Disulfide	4.116	76	540251	108.991	ug/l	100
18) Methyl Acetate	4.397	43	96229	124.639	ug/l	93
19) Methyl tert-butyl Ether	5.128	73	427571	114.141	ug/l	99
20) Methylene Chloride	4.628	84	171778	105.558	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	186520	108.095	ug/l	93
22) Diisopropyl ether	6.031	45	598063	132.422	ug/l	97
23) Vinyl Acetate	5.970	43	1653156	660.973	ug/l	95
24) 1,1-Dichloroethane	5.933	63	346367	118.878	ug/l	98
25) 2-Butanone	6.902	43	229517	613.177	ug/l	92
26) 2,2-Dichloropropane	6.896	77	311254	108.502	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	218816	110.326	ug/l	94
28) Bromochloromethane	7.256	49	142156	130.955	ug/l	83
29) Tetrahydrofuran	7.274	42	153104	607.855	ug/l	92
30) Chloroform	7.433	83	350416	111.040	ug/l	99
31) Cyclohexane	7.713	56	296243	104.021	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	328296	107.493	ug/l	97
36) 1,1-Dichloropropene	7.847	75	258833	104.370	ug/l	97
37) Ethyl Acetate	6.994	43	108807	117.685	ug/l	97
38) Carbon Tetrachloride	7.829	117	302001	98.406	ug/l	98
39) Methylcyclohexane	9.115	83	329865	99.014	ug/l	94
40) Benzene	8.091	78	765340	104.883	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	51586	100.841	ug/l	90
42) 1,2-Dichloroethane	8.164	62	203840	110.147	ug/l	98
43) Isopropyl Acetate	8.207	43	224883	121.752	ug/l #	86
44) Trichloroethene	8.872	130	195403	97.046	ug/l	94
45) 1,2-Dichloropropane	9.152	63	179965	110.034	ug/l	99
46) Dibromomethane	9.237	93	95968	100.827	ug/l	95
47) Bromodichloromethane	9.432	83	265518	106.226	ug/l	98
48) Methyl methacrylate	9.225	41	107661	122.427	ug/l	90
49) 1,4-Dioxane	9.237	88	18378	1817.108	ug/l #	95
51) 4-Methyl-2-Pentanone	10.006	43	562082	592.226	ug/l	94
52) Toluene	10.176	92	488296	103.090	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	246769	109.097	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	289643	107.141	ug/l #	91
55) 1,1,2-Trichloroethane	10.579	97	125626	99.248	ug/l	100
56) Ethyl methacrylate	10.445	69	184212	111.337	ug/l	88
57) 1,3-Dichloropropane	10.725	76	220204	102.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	421206	599.795	ug/l	95
59) 2-Hexanone	10.768	43	373249	605.028	ug/l	92
60) Dibromochloromethane	10.920	129	179036	99.202	ug/l	99
61) 1,2-Dibromoethane	11.024	107	117576	97.250	ug/l	98
64) Tetrachloroethene	10.652	164	174223	93.066	ug/l	97
65) Chlorobenzene	11.450	112	519942	99.441	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	185418	99.917	ug/l	99
67) Ethyl Benzene	11.524	91	950017	104.939	ug/l	98
68) m/p-Xylenes	11.639	106	705393	202.801	ug/l	97
69) o-Xylene	11.963	106	332346	102.783	ug/l	97
70) Styrene	11.975	104	559633	104.245	ug/l	98
71) Bromoform	12.139	173	101615	92.910	ug/l #	99
73) Isopropylbenzene	12.261	105	891697	110.247	ug/l	100
74) N-amyl acetate	12.078	43	196809	133.629	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.517	83	137599	105.393	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	184099	201.939	ug/l #	100
77) Bromobenzene	12.542	156	198715	103.627	ug/l	93
78) n-propylbenzene	12.603	91	1057216	111.529	ug/l	98
79) 2-Chlorotoluene	12.688	91	592096	109.632	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	713935	107.741	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	47846	108.944	ug/l	92
82) 4-Chlorotoluene	12.786	91	597047	108.014	ug/l	99
83) tert-Butylbenzene	13.005	119	638740	103.933	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	701716	108.409	ug/l	100
85) sec-Butylbenzene	13.182	105	931799	107.093	ug/l	100
86) p-Isopropyltoluene	13.304	119	778814	106.512	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	380481	101.760	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	368361	99.212	ug/l	99
89) n-Butylbenzene	13.627	91	720257	109.974	ug/l	98
90) Hexachloroethane	13.889	117	160918	108.782	ug/l	94
91) 1,2-Dichlorobenzene	13.670	146	323508	99.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	20553	102.253	ug/l	93
93) 1,2,4-Trichlorobenzene	14.932	180	201024	100.693	ug/l	100
94) Hexachlorobutadiene	15.035	225	124879	90.315	ug/l	100
95) Naphthalene	15.157	128	331641	103.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	167187	99.024	ug/l	99

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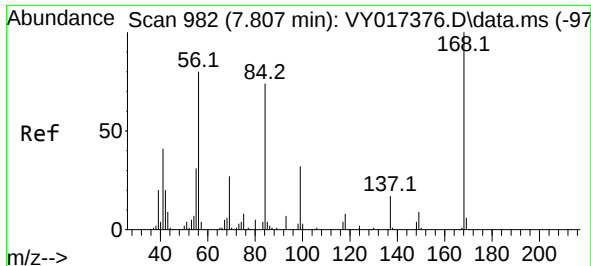
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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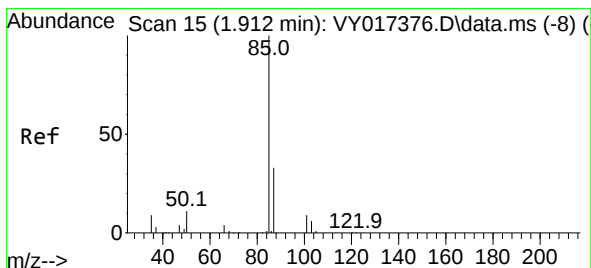
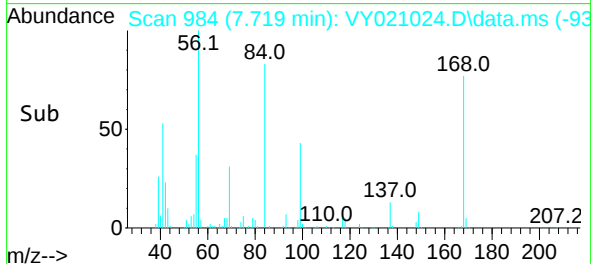
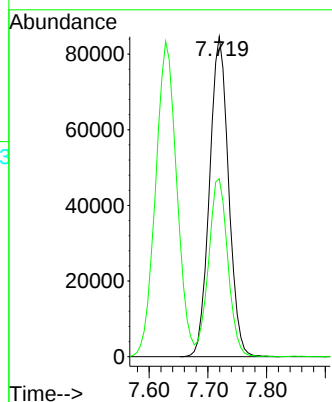
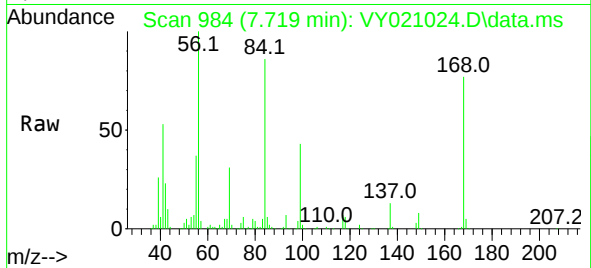




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021024.D
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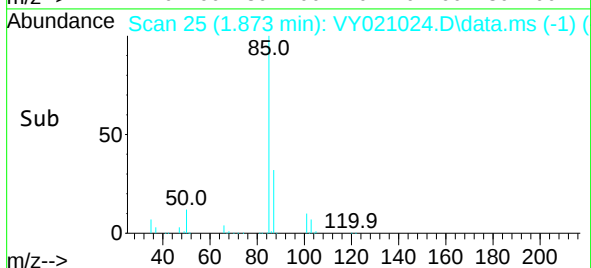
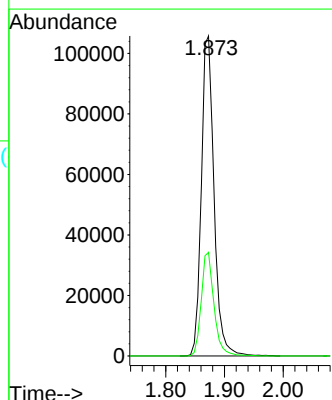
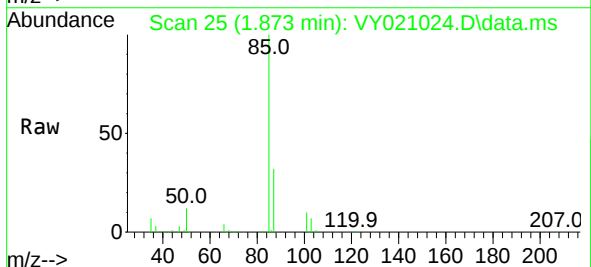
Instrument :
MSVOA_Y
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VSTDIC100

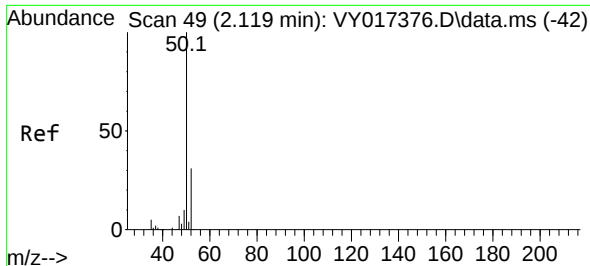
Tgt Ion:168 Resp: 190137
Ion Ratio Lower Upper
168 100
99 55.5 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 98.533 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

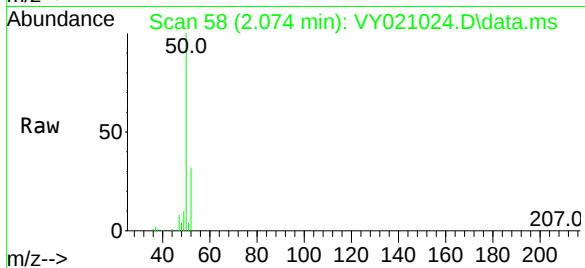
Tgt Ion: 85 Resp: 159301
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9



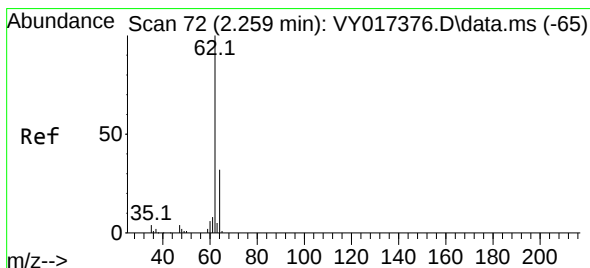
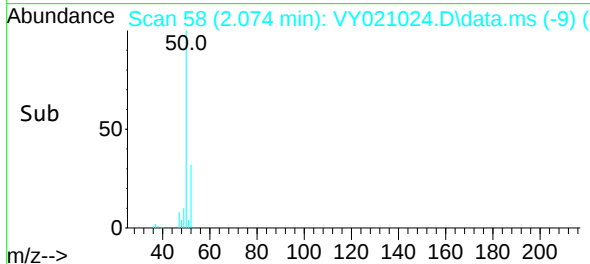
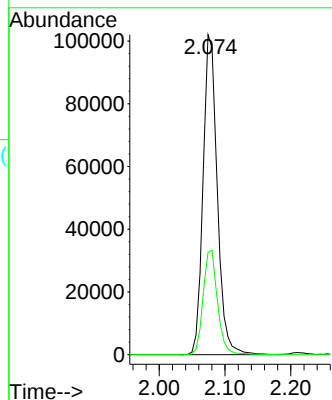


#3
Chloromethane
Concen: 149.541 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

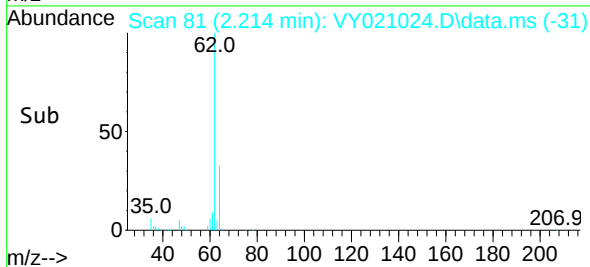
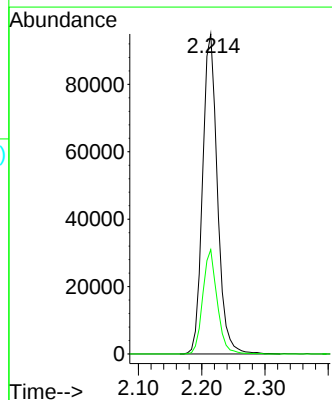
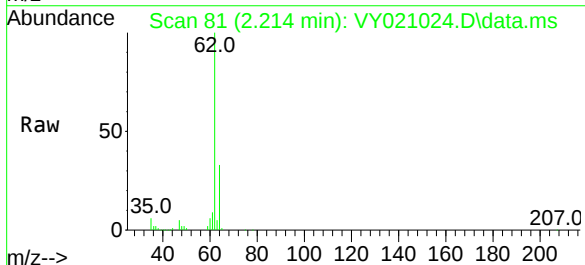


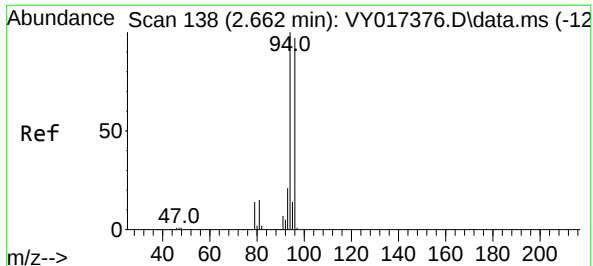
Tgt Ion: 50 Resp: 153706
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5



#4
Vinyl Chloride
Concen: 146.266 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 62 Resp: 155011
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2

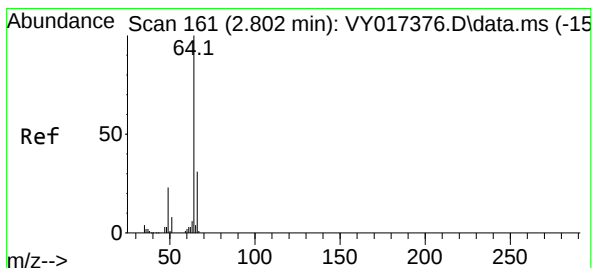
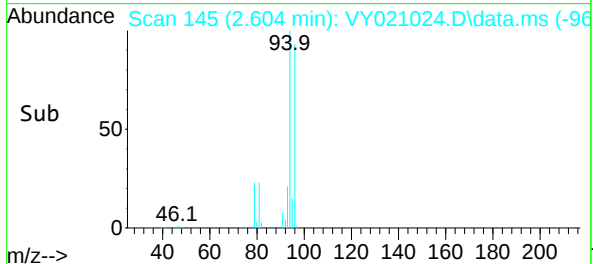
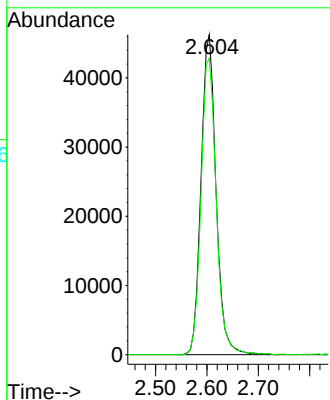
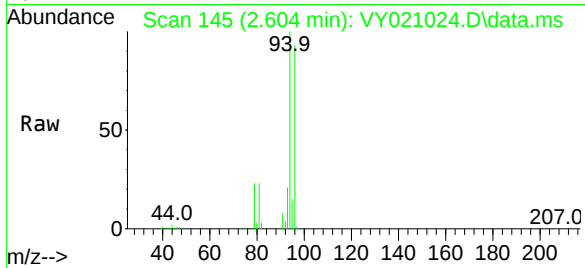




#5
Bromomethane
Concen: 130.495 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

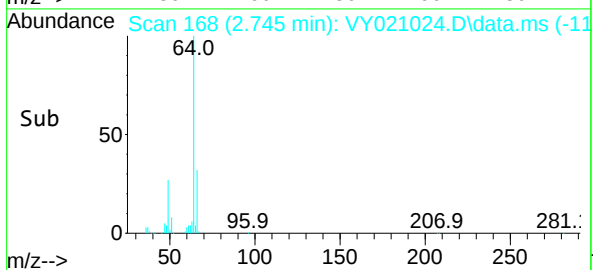
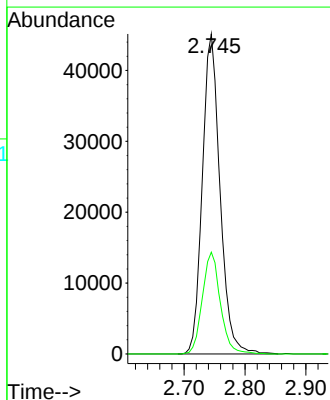
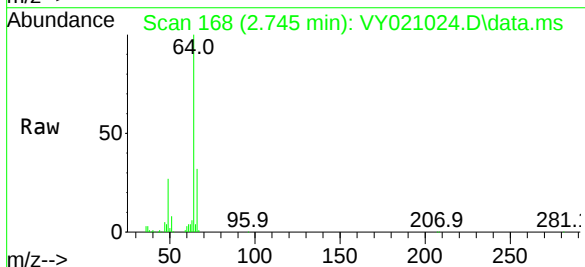
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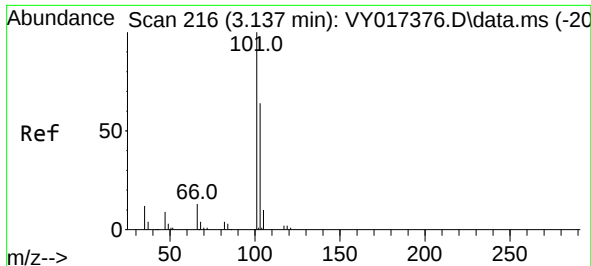
Tgt Ion: 94 Resp: 93622
Ion Ratio Lower Upper
94 100
96 92.6 77.4 116.0



#6
Chloroethane
Concen: 147.011 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 64 Resp: 91012
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.4

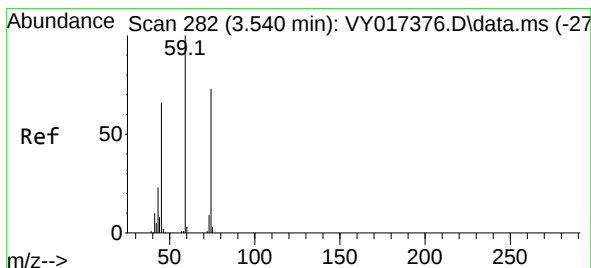
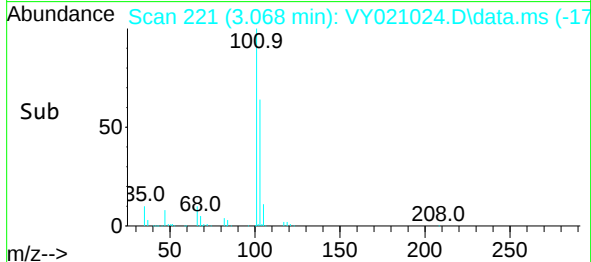
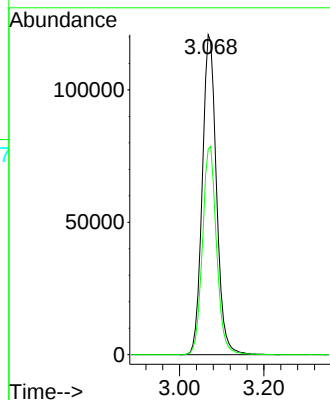
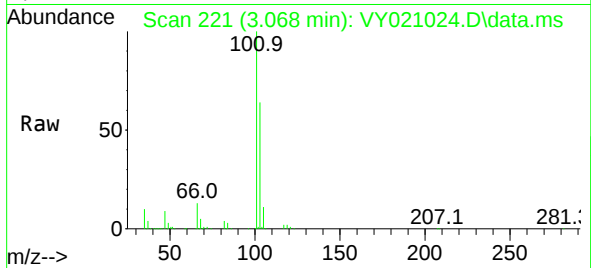




#7
Trichlorofluoromethane
Concen: 110.443 ug/l
RT: 3.068 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY021024.D
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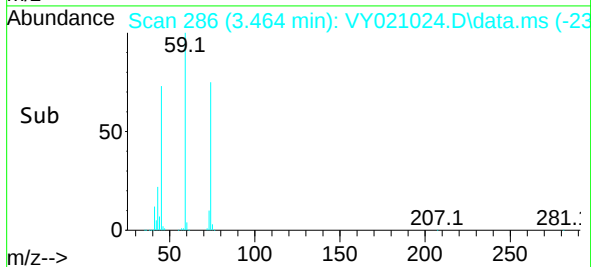
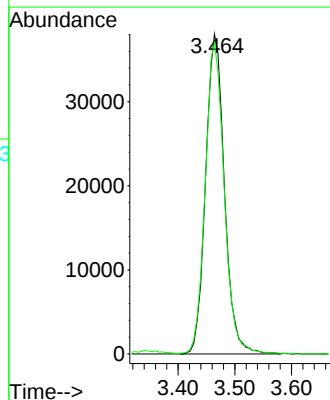
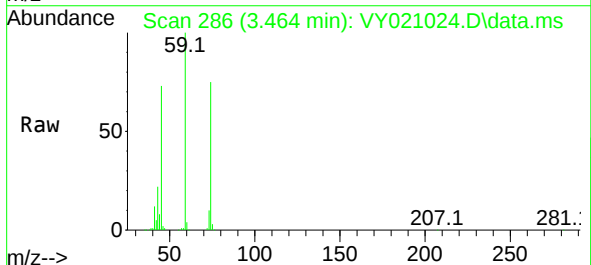
Instrument :
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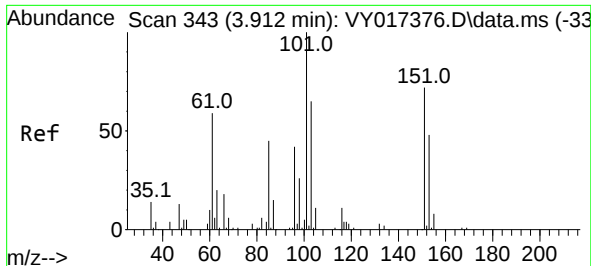
Tgt Ion:101 Resp: 282462
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3



#8
Diethyl Ether
Concen: 114.680 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 74 Resp: 87561
Ion Ratio Lower Upper
74 100
45 98.9 43.4 130.2

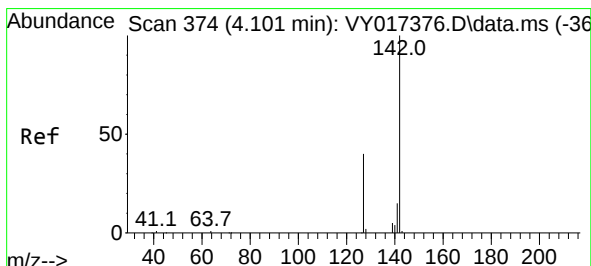
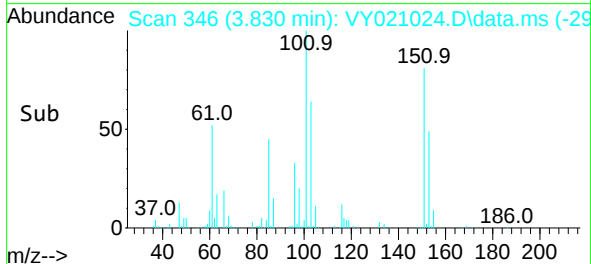
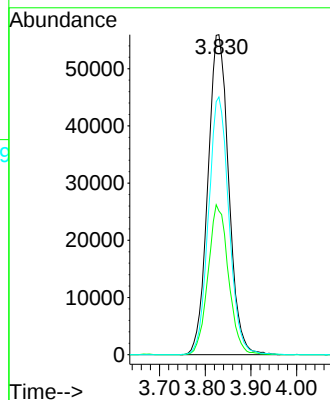
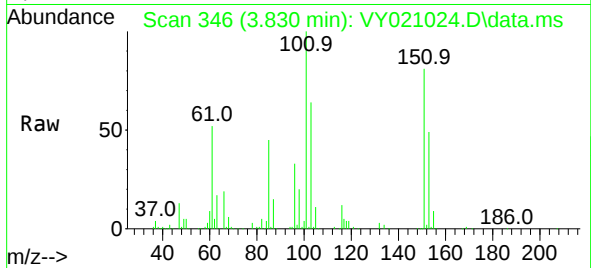




#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.939 ug/l
RT: 3.830 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY021024.D
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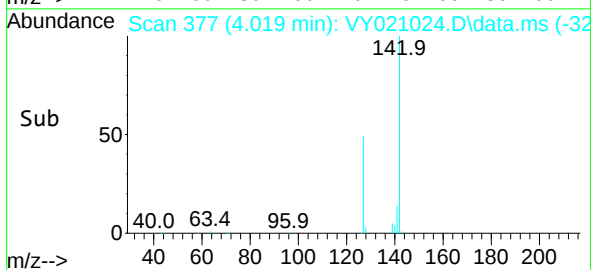
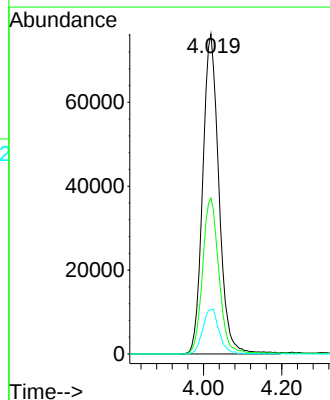
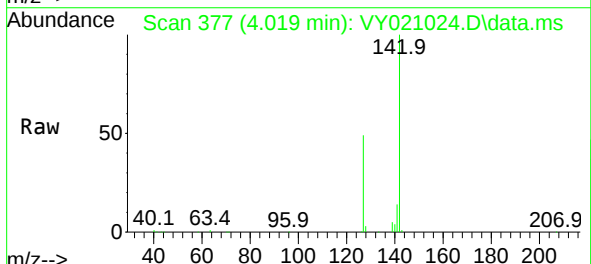
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

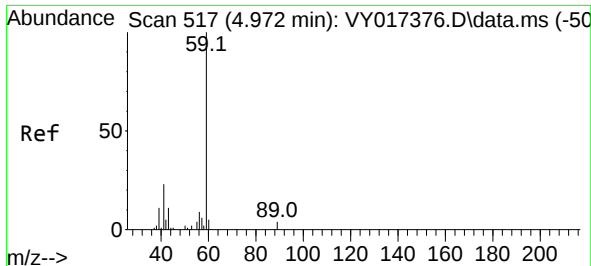
Tgt Ion:101 Resp: 177279
Ion Ratio Lower Upper
101 100
85 45.9 34.9 52.3
151 78.9 66.8 100.2



#10
Methyl Iodide
Concen: 111.078 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:142 Resp: 218905
Ion Ratio Lower Upper
142 100
127 49.2 38.9 58.3
141 14.2 11.7 17.5

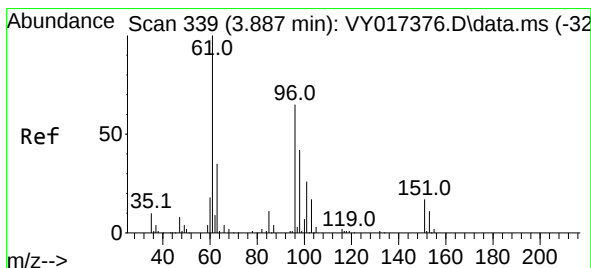
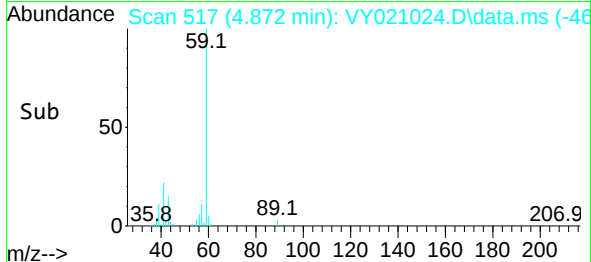
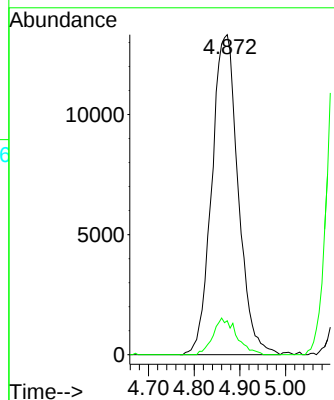
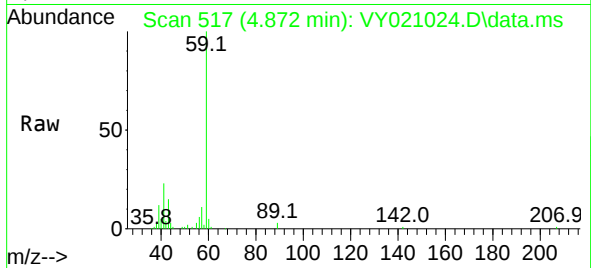




#11
Tert butyl alcohol
Concen: 452.085 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

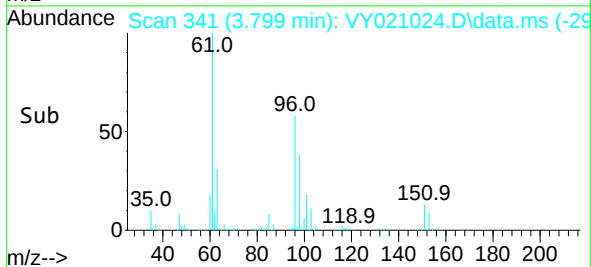
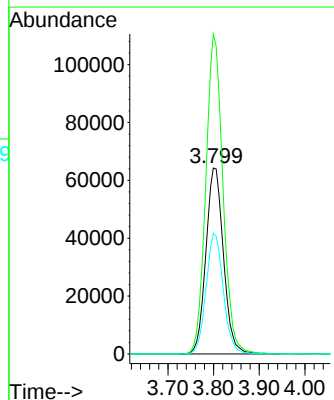
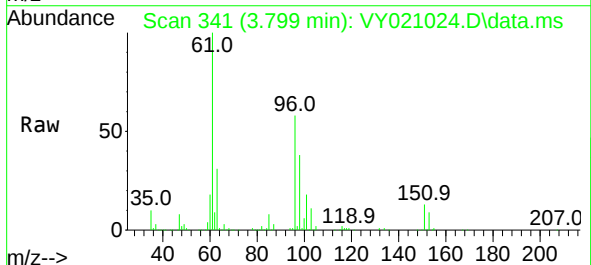
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

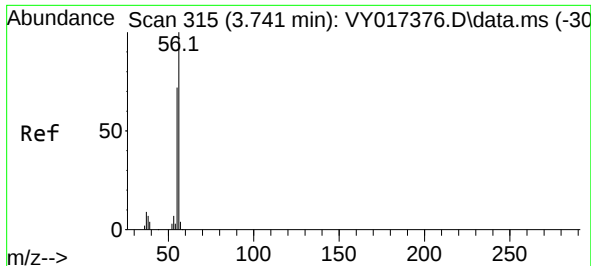
Tgt Ion: 59 Resp: 53461
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 106.739 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 96 Resp: 171787
Ion Ratio Lower Upper
96 100
61 172.1 120.8 181.2
98 64.9 50.6 76.0

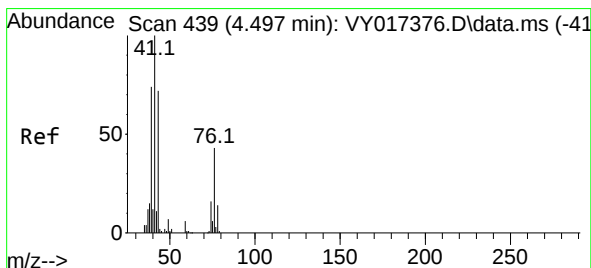
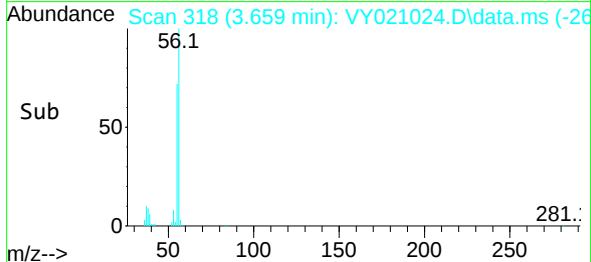
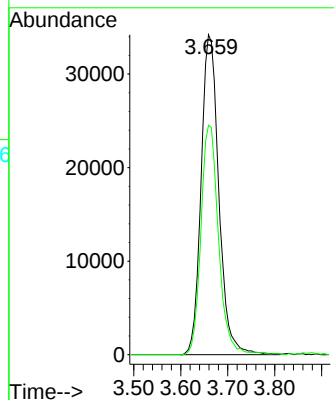
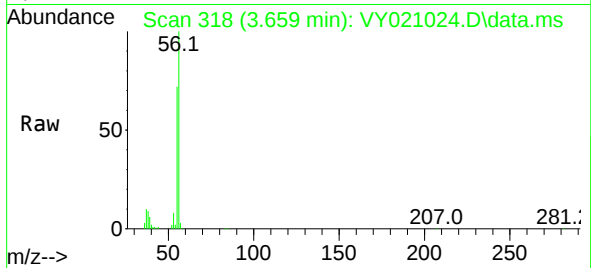




#13
Acrolein
Concen: 657.572 ug/l
RT: 3.659 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

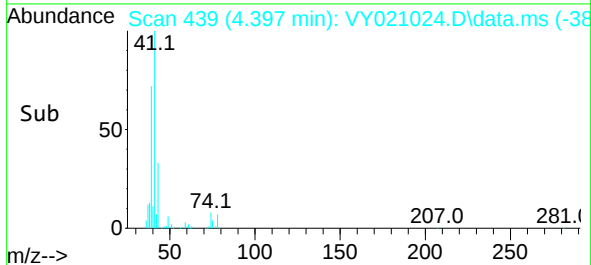
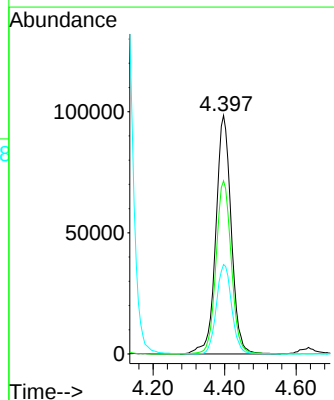
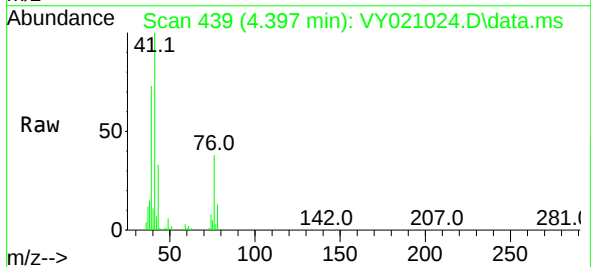
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

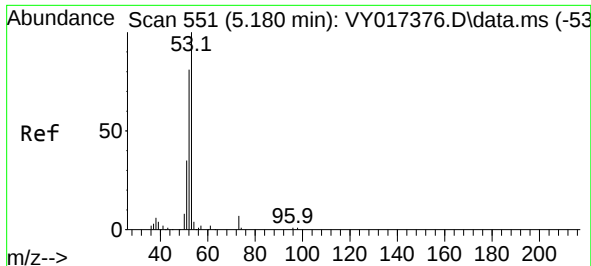
Tgt Ion: 56 Resp: 89546
Ion Ratio Lower Upper
56 100
55 71.2 56.1 84.1



#14
Allyl chloride
Concen: 132.835 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

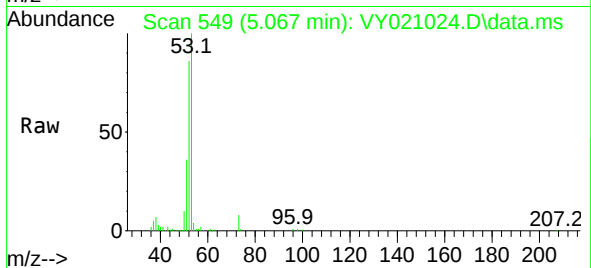
Tgt Ion: 41 Resp: 294317
Ion Ratio Lower Upper
41 100
39 72.0 53.5 80.3
76 37.1 34.6 52.0



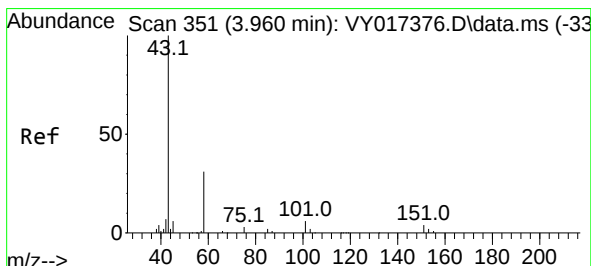
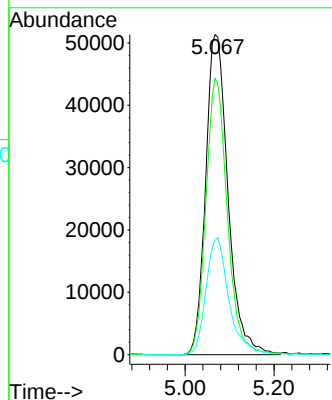
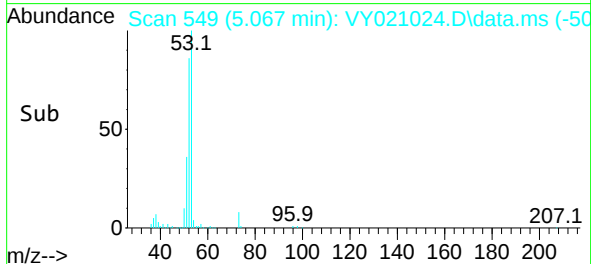


#15
Acrylonitrile
Concen: 573.057 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

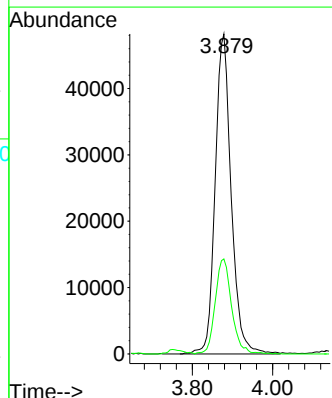
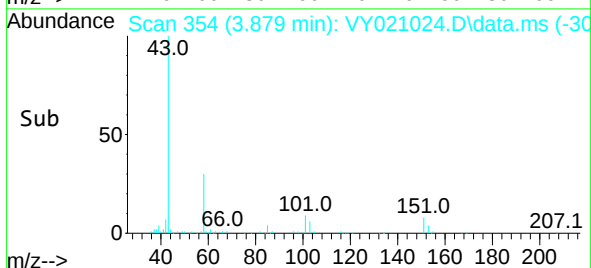
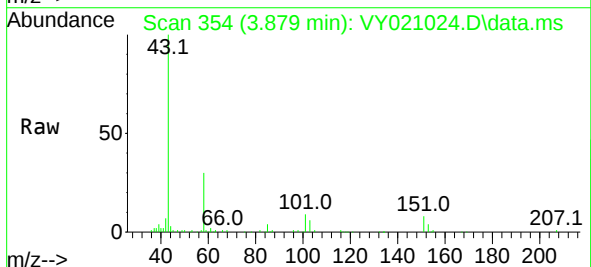


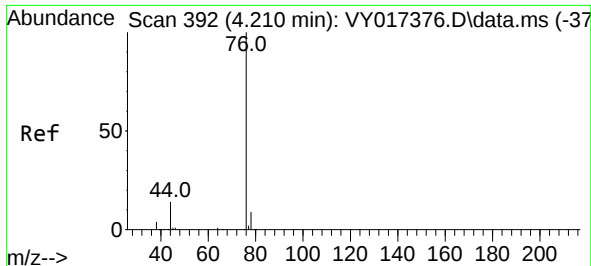
Tgt Ion: 53 Resp: 179975
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.4
51 37.6 29.4 44.0



#16
Acetone
Concen: 606.320 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 133780
Ion Ratio Lower Upper
43 100
58 29.6 28.4 42.6

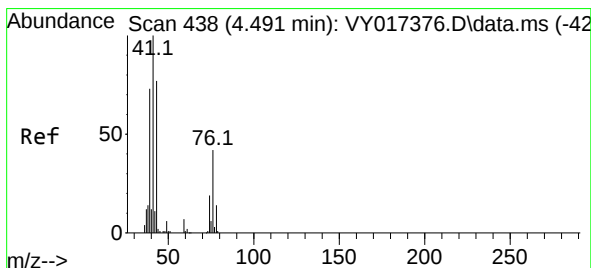
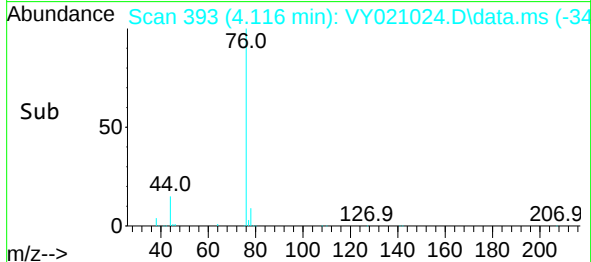
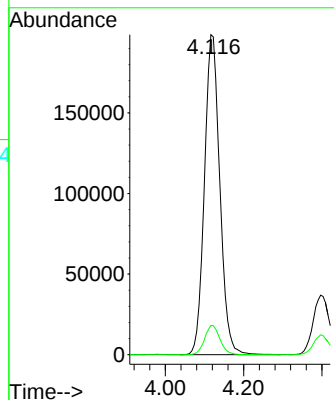
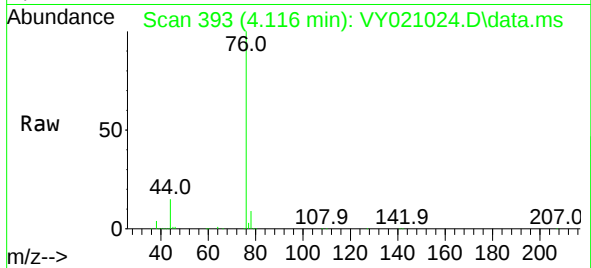




#17
Carbon Disulfide
Concen: 108.991 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

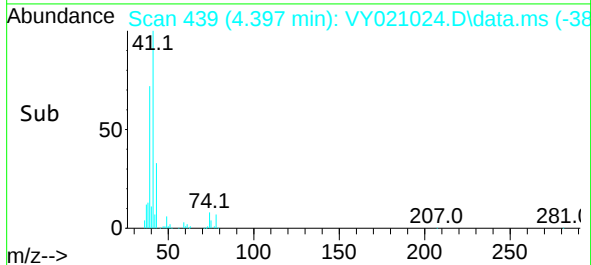
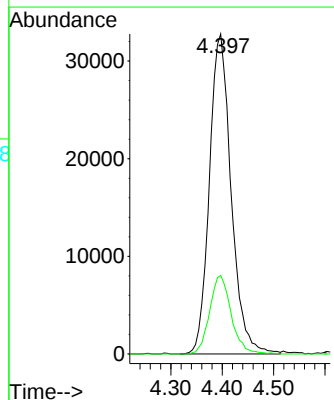
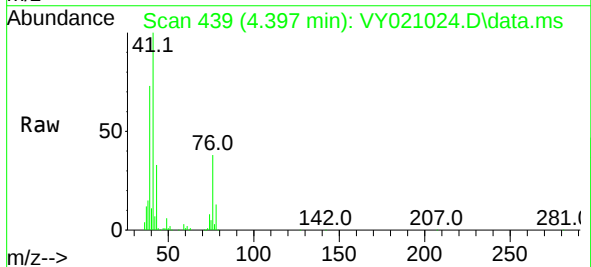
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

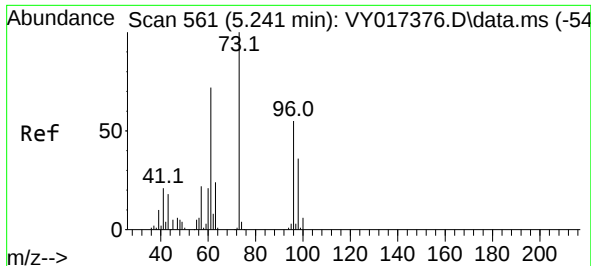
Tgt Ion: 76 Resp: 540251
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 124.639 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 96229
Ion Ratio Lower Upper
43 100
74 24.3 22.2 33.4

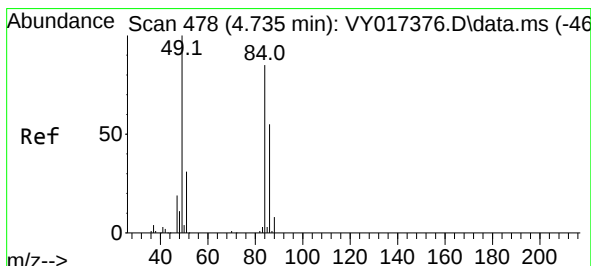
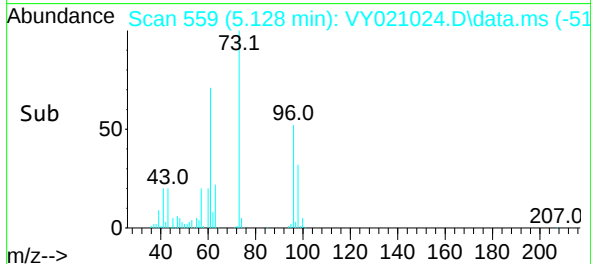
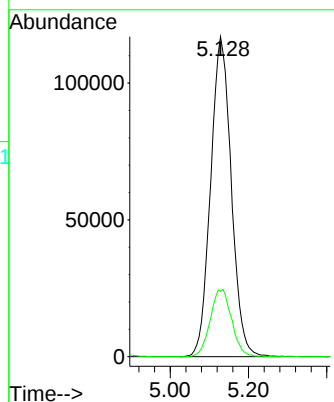
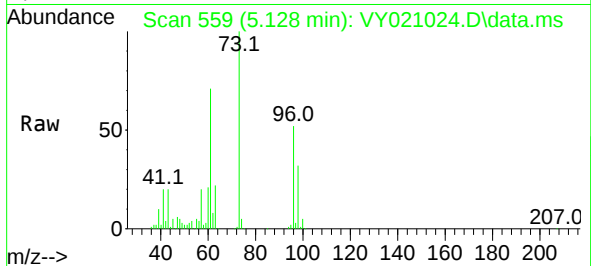




#19
Methyl tert-butyl Ether
Concen: 114.141 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

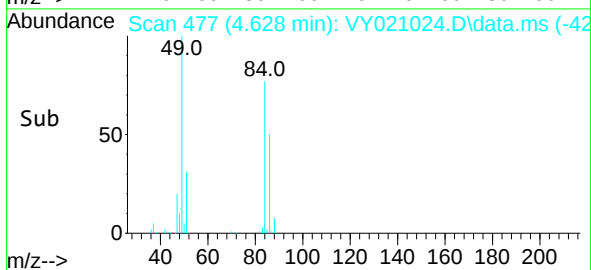
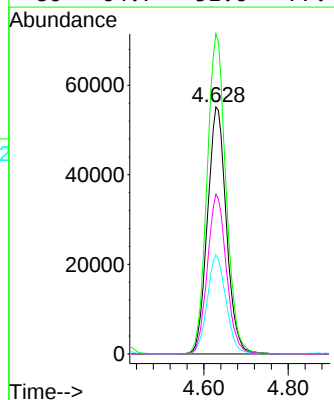
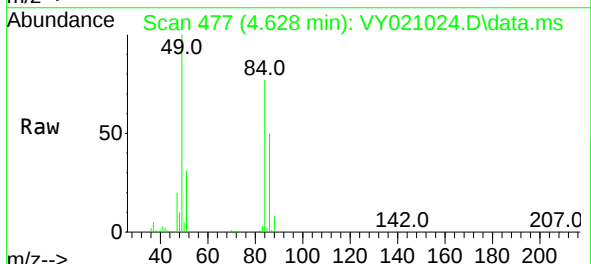
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

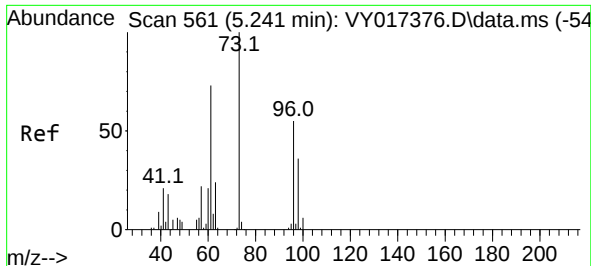
Tgt Ion: 73 Resp: 427571
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 105.558 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 84 Resp: 171778
Ion Ratio Lower Upper
84 100
49 129.6 88.3 132.5
51 40.0 27.7 41.5
86 64.7 51.6 77.4

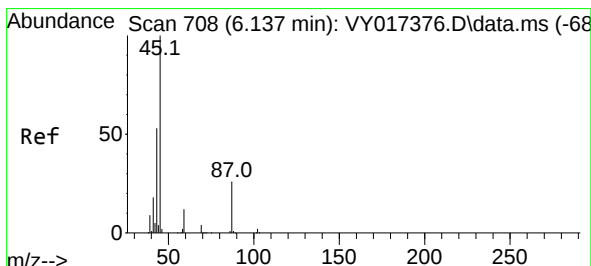
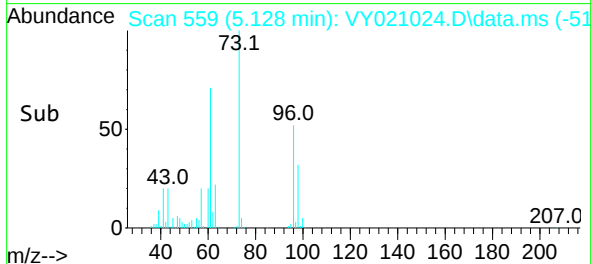
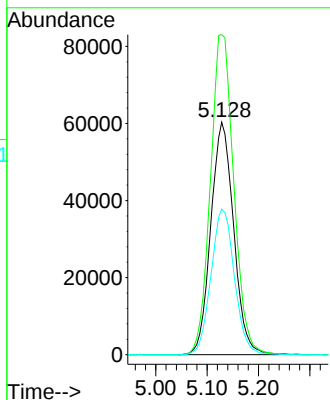
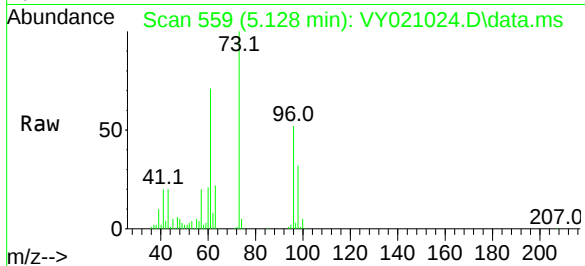




#21
trans-1,2-Dichloroethene
Concen: 108.095 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

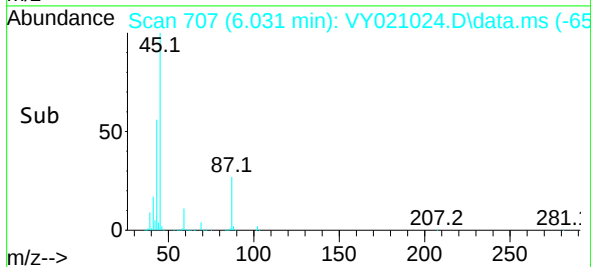
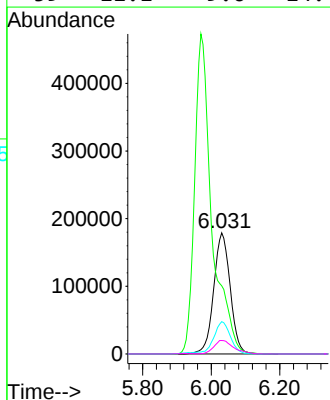
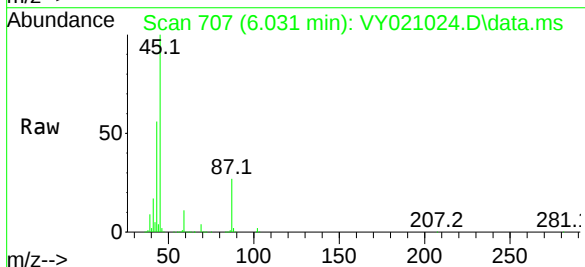
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

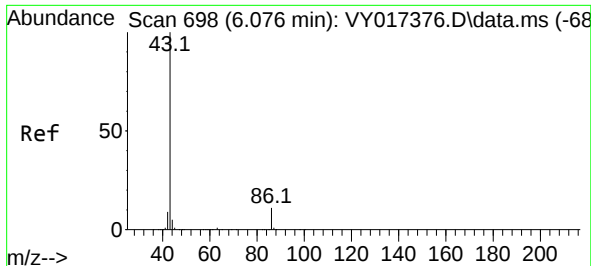
Tgt Ion: 96 Resp: 186520
Ion Ratio Lower Upper
96 100
61 137.7 101.5 152.3
98 62.7 52.0 78.0



#22
Diisopropyl ether
Concen: 132.422 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 45 Resp: 598063
Ion Ratio Lower Upper
45 100
43 56.1 45.1 67.7
87 26.7 25.0 37.4
59 11.1 9.6 14.4

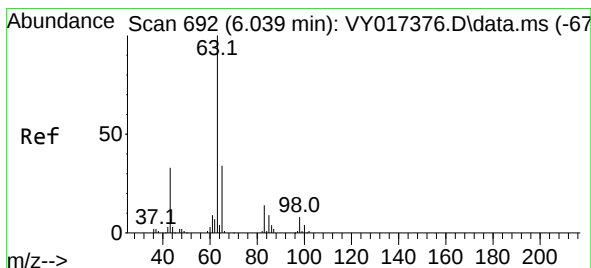
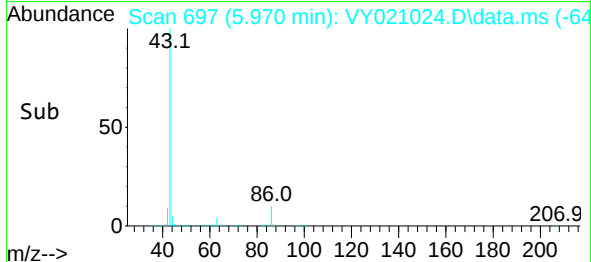
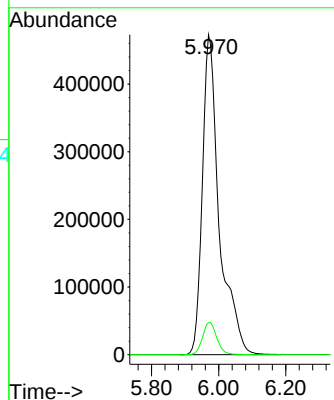
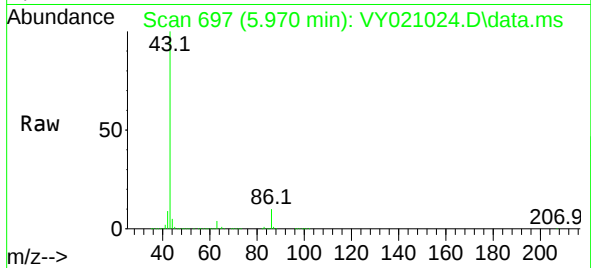




#23
 Vinyl Acetate
 Concen: 660.973 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY021024.D
 Acq: 03 Feb 2025 12:21

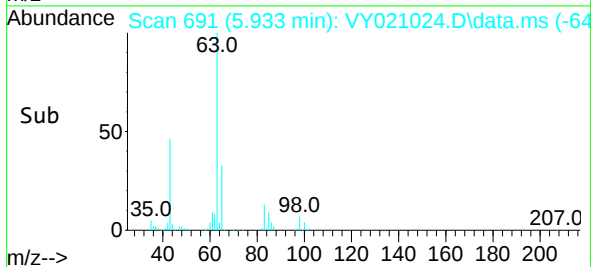
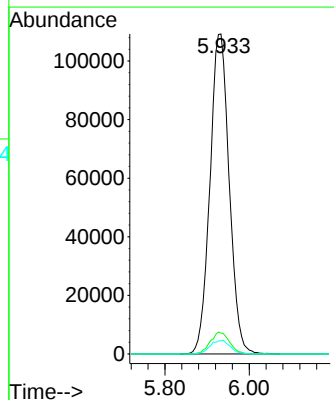
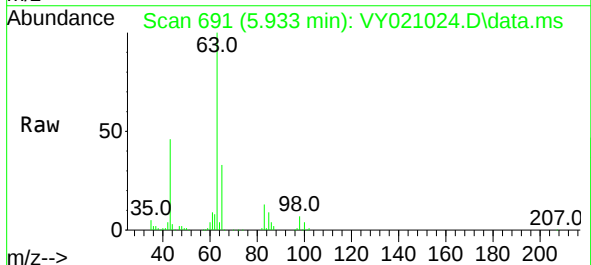
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

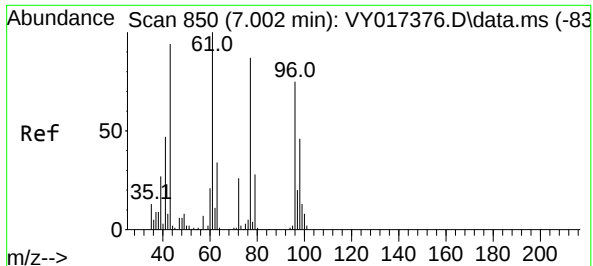
Tgt Ion: 43 Resp: 1653156
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 118.878 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.013 min
 Lab File: VY021024.D
 Acq: 03 Feb 2025 12:21

Tgt Ion: 63 Resp: 346367
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 613.177 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

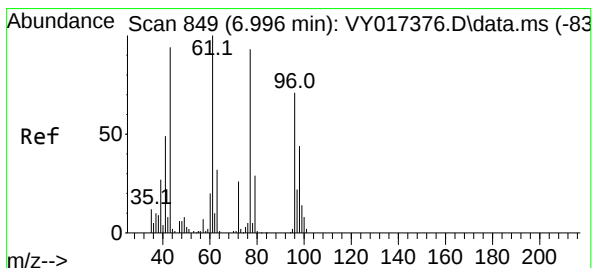
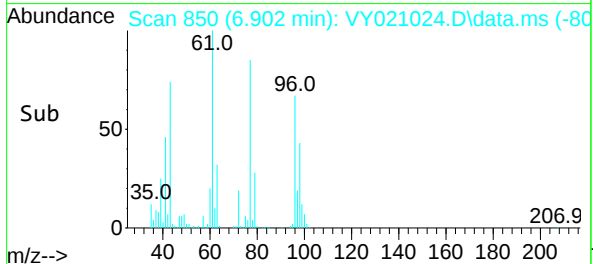
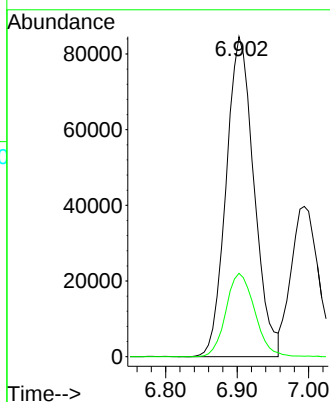
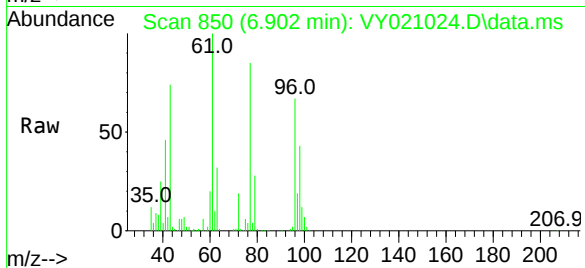
VSTDICC100

Tgt Ion: 43 Resp: 229517

Ion Ratio Lower Upper

43 100

72 26.1 24.3 36.5



#26

2,2-Dichloropropane

Concen: 108.502 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021024.D

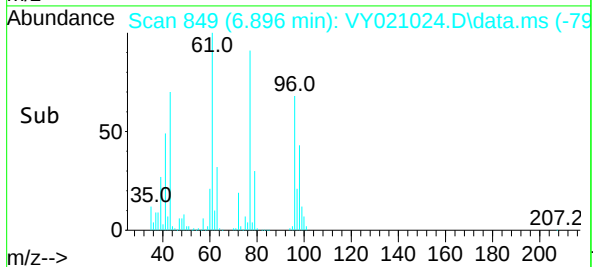
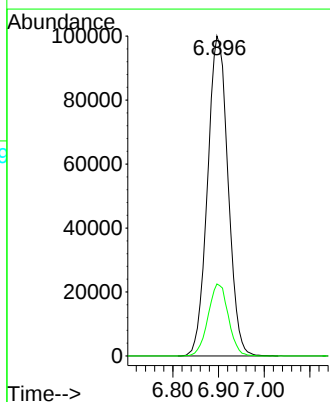
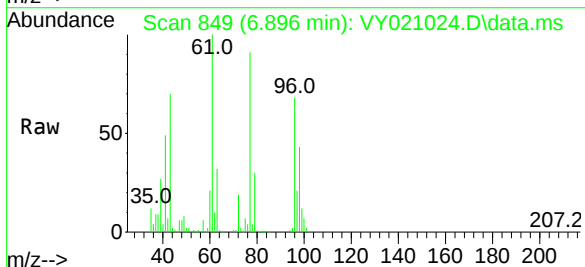
Acq: 03 Feb 2025 12:21

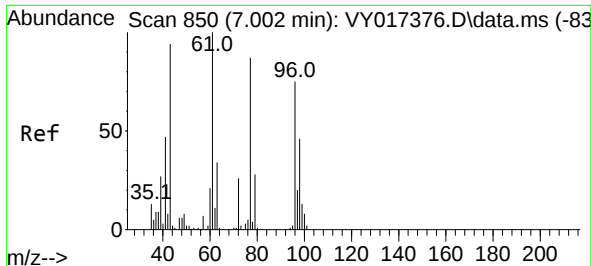
Tgt Ion: 77 Resp: 311254

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 110.326 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

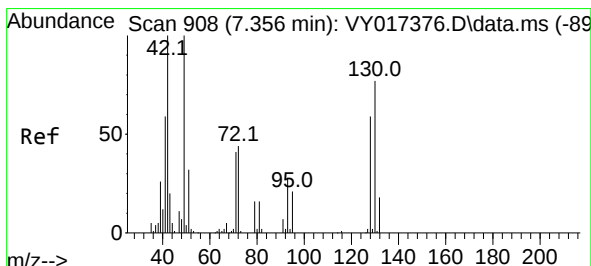
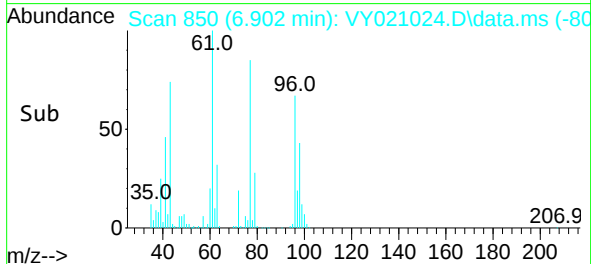
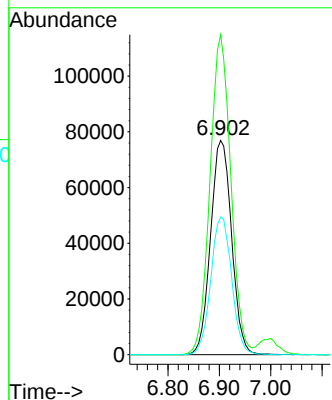
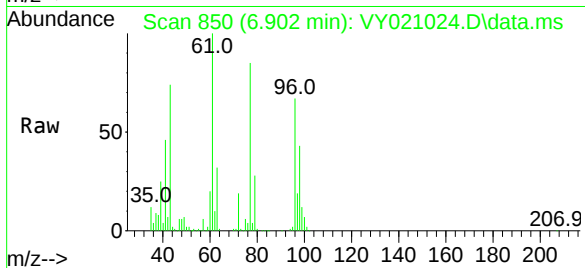
Tgt Ion: 96 Resp: 218816

Ion Ratio Lower Upper

96 100

61 147.4 0.0 274.0

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 130.955 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

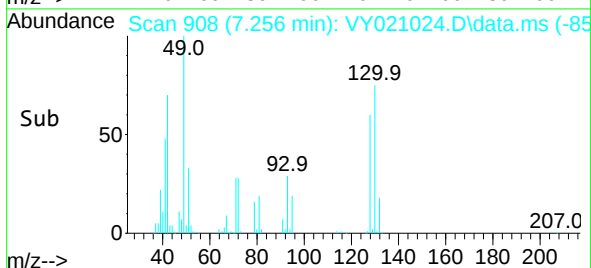
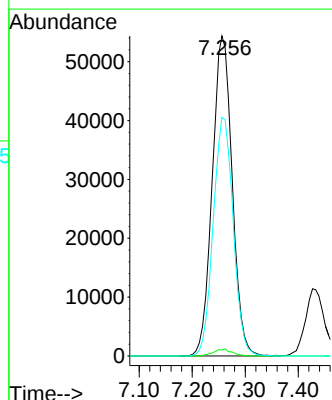
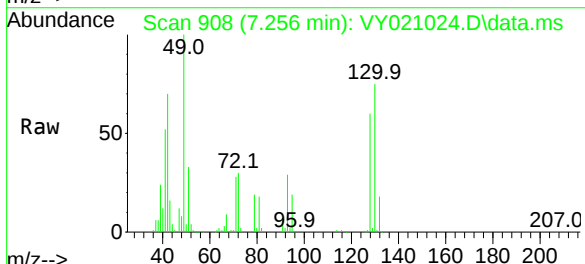
Tgt Ion: 49 Resp: 142156

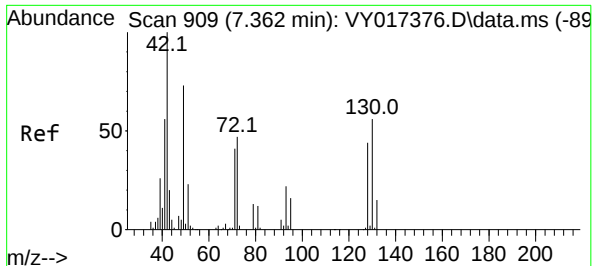
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.0

130 74.8 73.2 109.8





#29

Tetrahydrofuran

Concen: 607.855 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

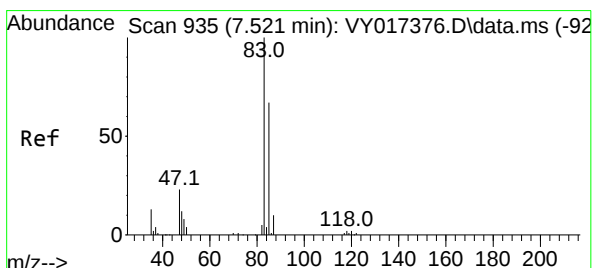
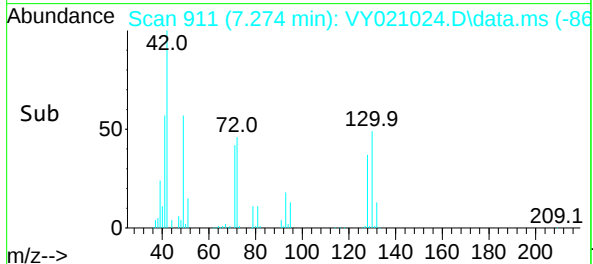
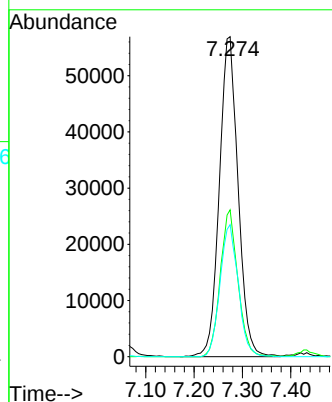
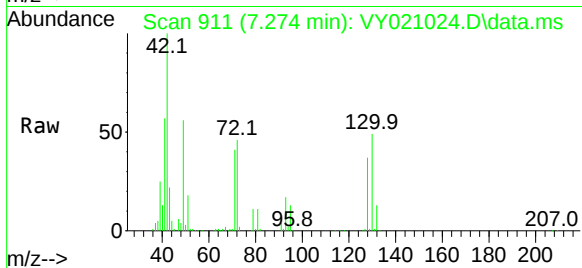
Tgt Ion: 42 Resp: 153104

Ion Ratio Lower Upper

42 100

72 43.3 39.3 58.9

71 40.2 36.1 54.1



#30

Chloroform

Concen: 111.040 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021024.D

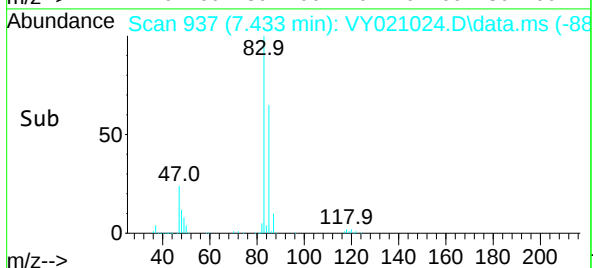
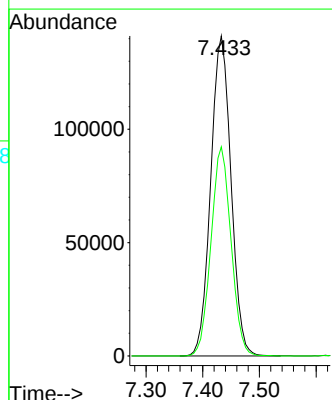
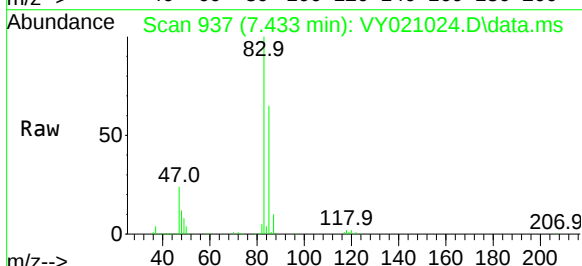
Acq: 03 Feb 2025 12:21

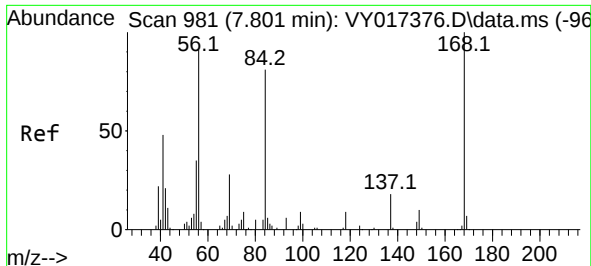
Tgt Ion: 83 Resp: 350416

Ion Ratio Lower Upper

83 100

85 65.4 52.9 79.3

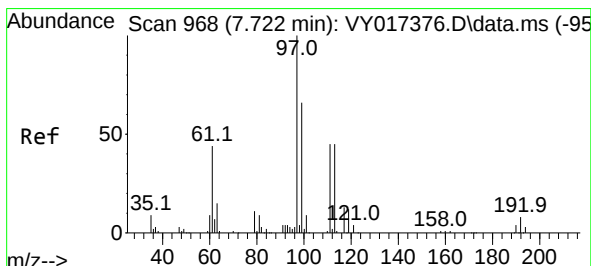
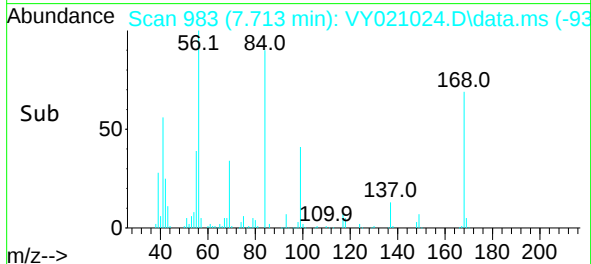
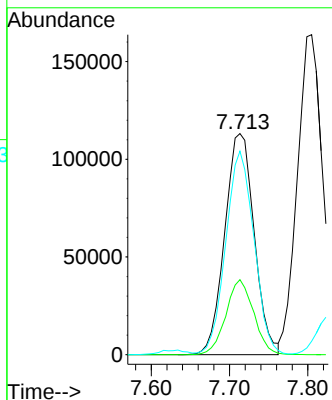
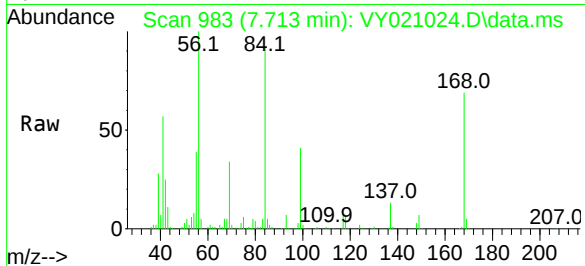




#31
Cyclohexane
Concen: 104.021 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

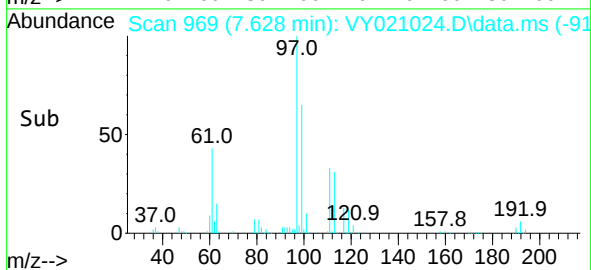
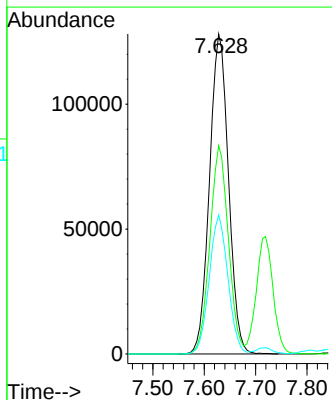
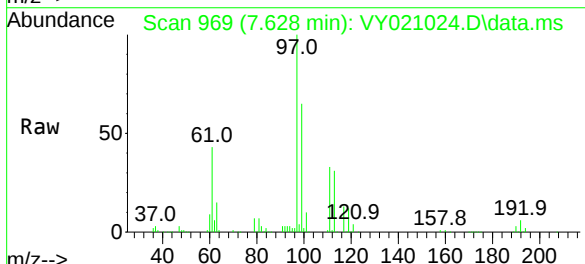
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

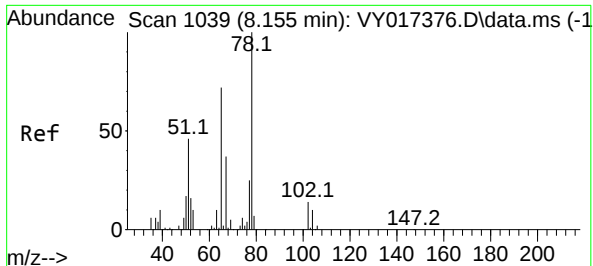
Tgt Ion: 56 Resp: 296243
Ion Ratio Lower Upper
56 100
69 33.9 27.7 41.5
84 90.1 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 107.493 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 97 Resp: 328296
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 42.7 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 106.741 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

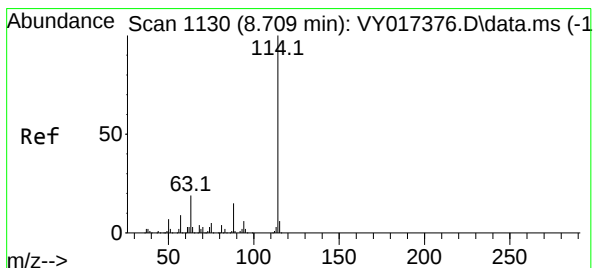
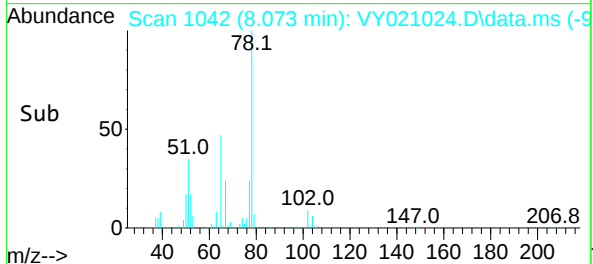
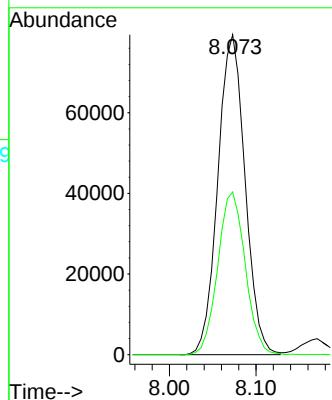
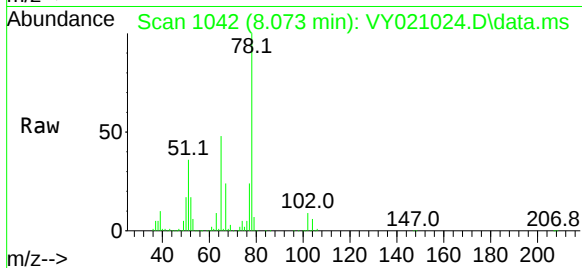
VSTDIC100

Tgt Ion: 65 Resp: 172797

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

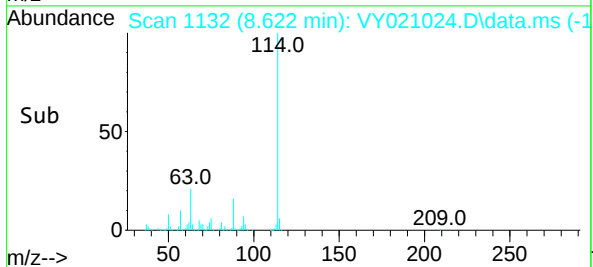
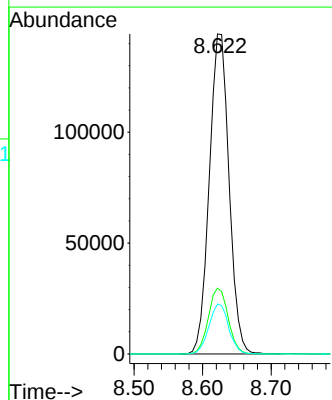
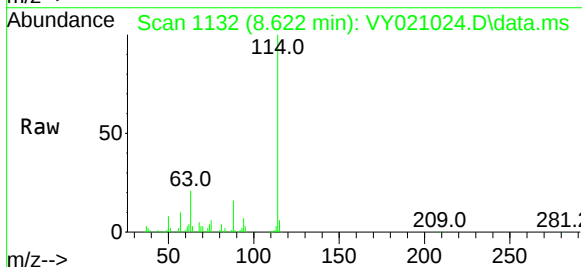
Tgt Ion: 114 Resp: 289157

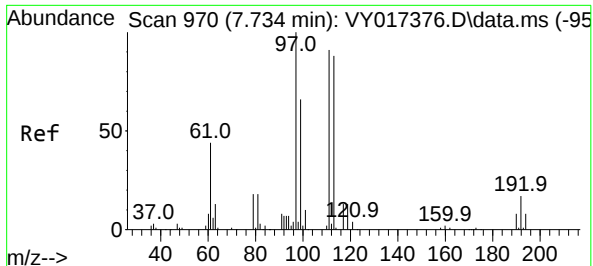
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.2

88 15.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 98.858 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

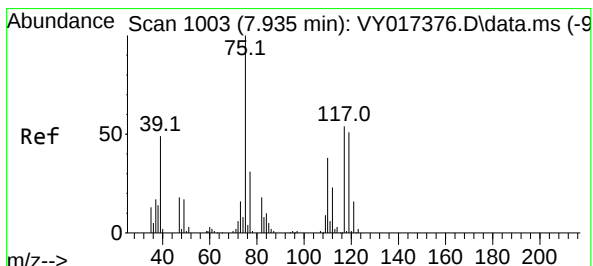
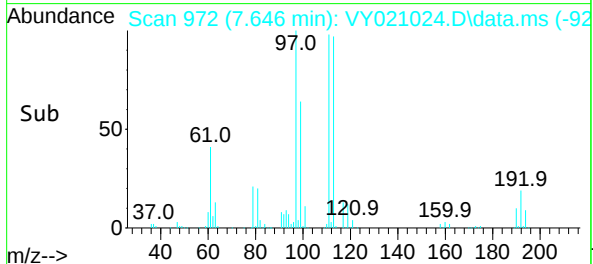
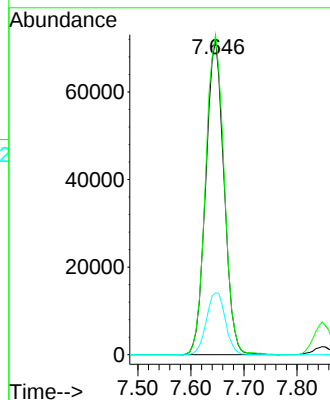
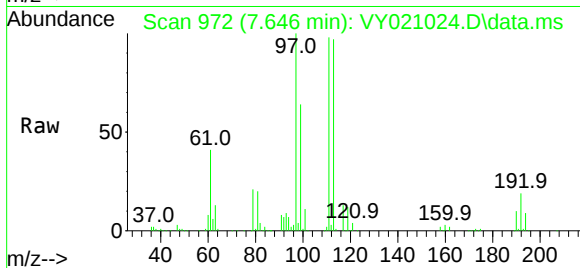
Tgt Ion:113 Resp: 171851

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 20.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 104.370 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

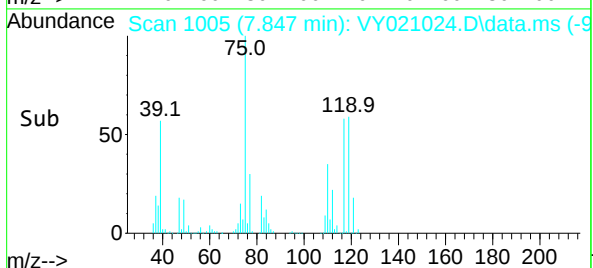
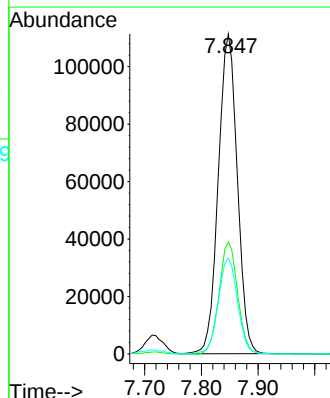
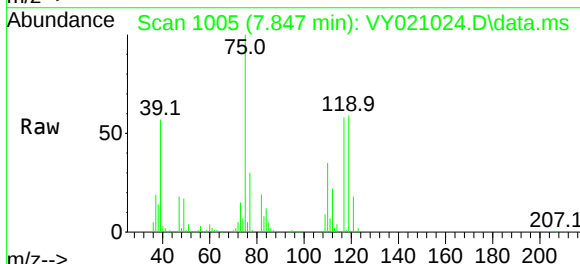
Tgt Ion: 75 Resp: 258833

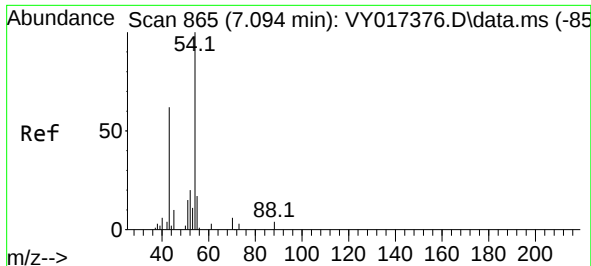
Ion Ratio Lower Upper

75 100

110 34.2 18.4 55.2

77 30.5 24.9 37.3





#37

Ethyl Acetate

Concen: 117.685 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

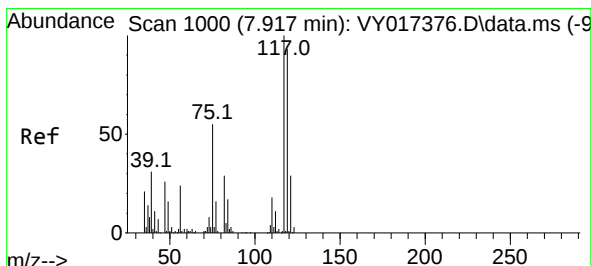
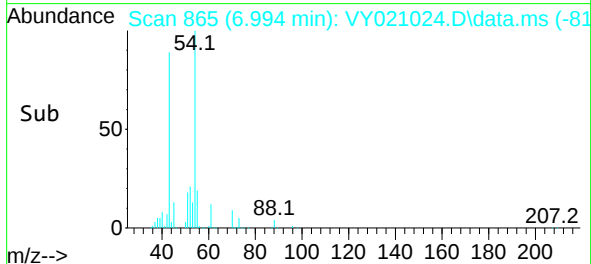
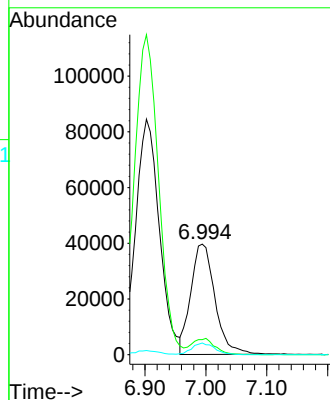
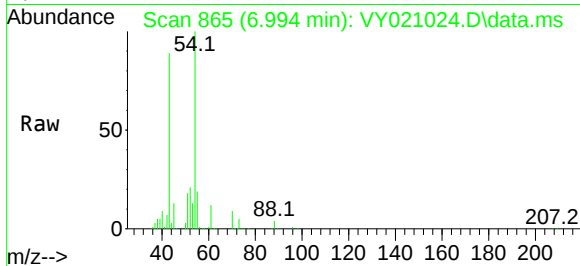
Tgt Ion: 43 Resp: 108807

Ion Ratio Lower Upper

43 100

61 14.4 11.4 17.0

70 9.9 9.6 14.4



#38

Carbon Tetrachloride

Concen: 98.406 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

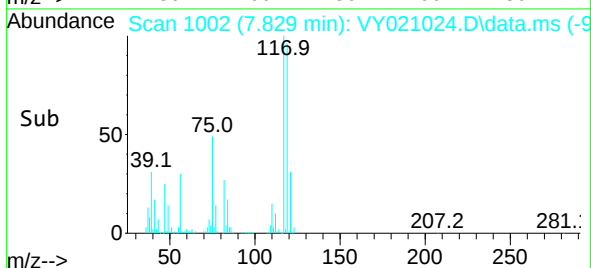
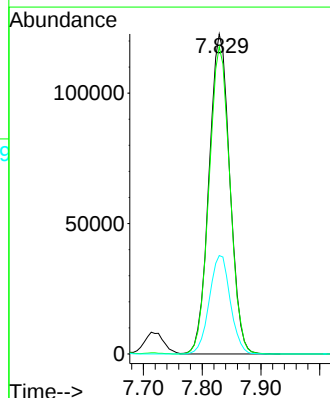
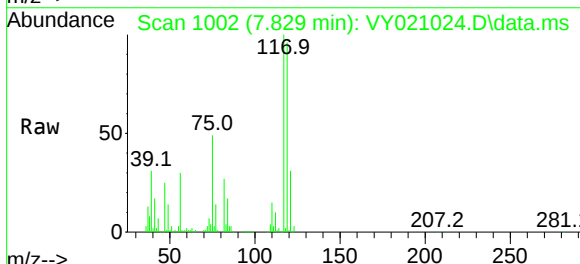
Tgt Ion: 117 Resp: 302001

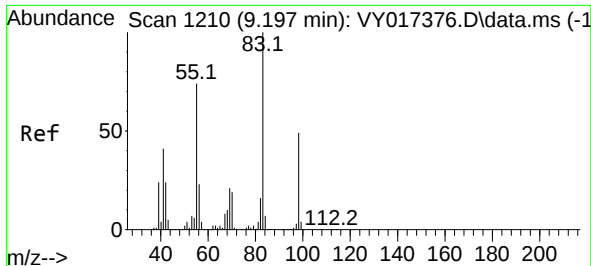
Ion Ratio Lower Upper

117 100

119 96.0 75.0 112.6

121 30.8 24.2 36.2

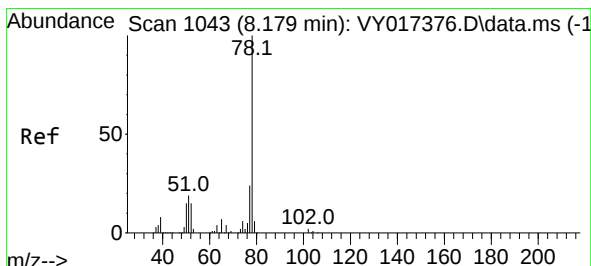
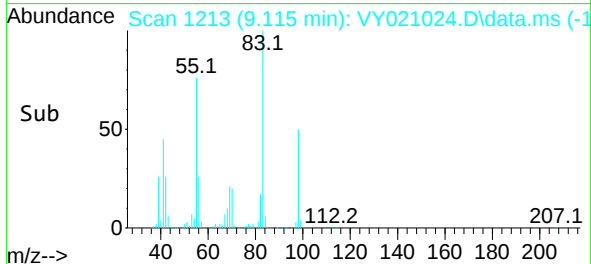
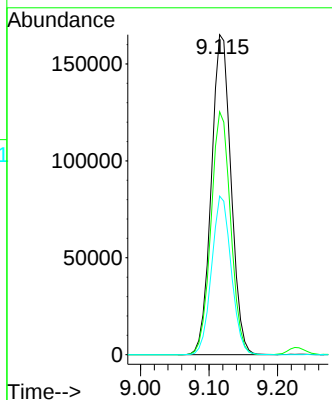
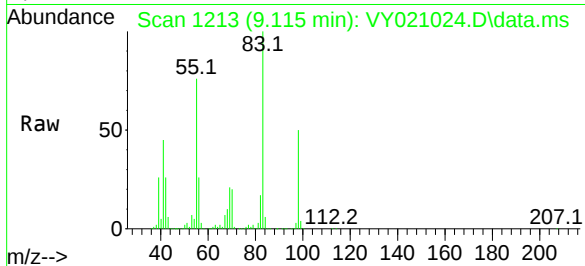




#39
Methylcyclohexane
Concen: 99.014 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

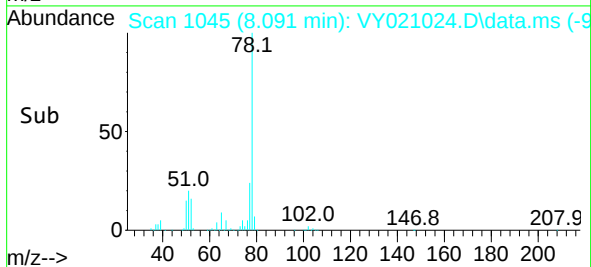
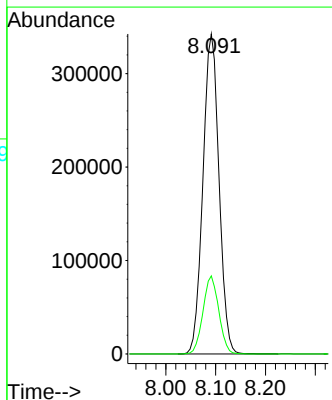
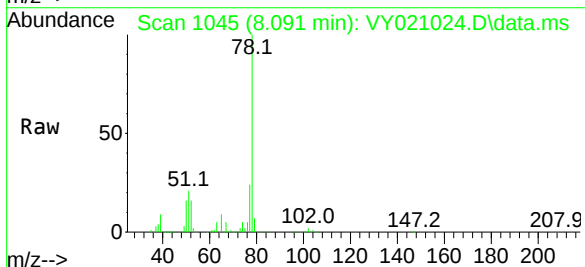
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

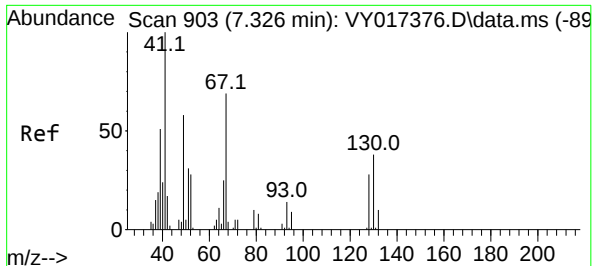
Tgt Ion: 83 Resp: 329865
Ion Ratio Lower Upper
83 100
55 75.9 54.9 82.3
98 49.5 40.5 60.7



#40
Benzene
Concen: 104.883 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 78 Resp: 765340
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

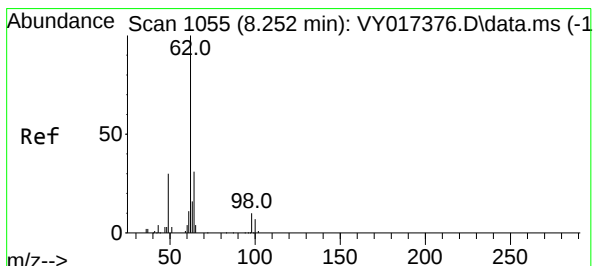
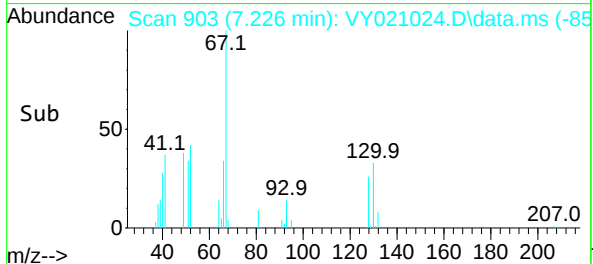
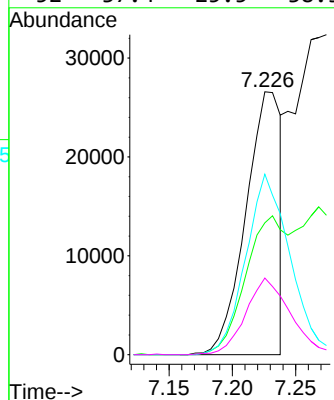
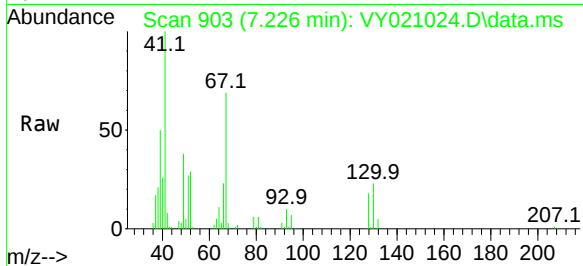




#41
Methacrylonitrile
Concen: 100.841 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

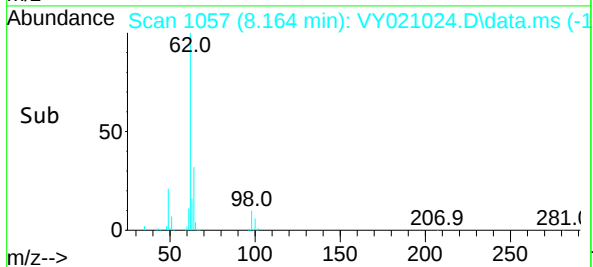
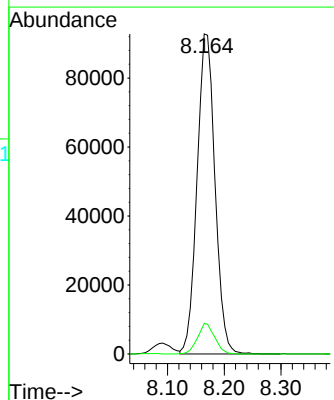
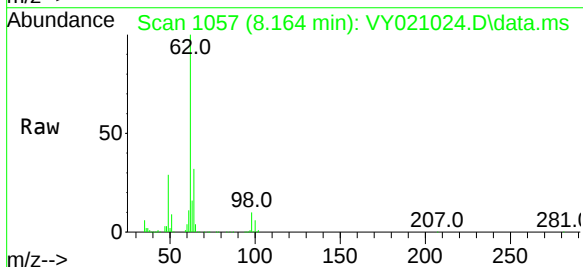
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

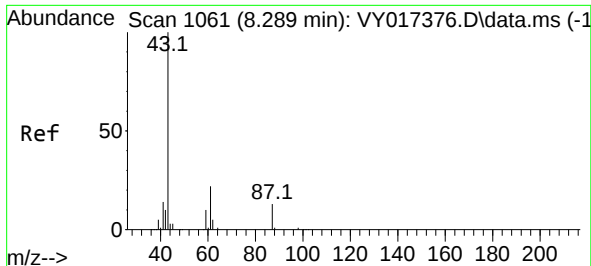
Tgt Ion:	41	Resp:	51586
Ion	Ratio	Lower	Upper
41	100		
39	62.0	41.6	62.4
67	86.8	63.8	95.6
52	37.4	25.5	38.3



#42
1,2-Dichloroethane
Concen: 110.147 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:	62	Resp:	203840
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.4

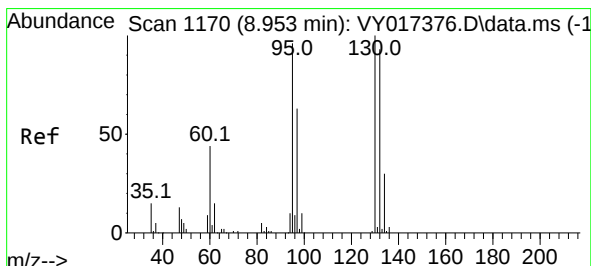
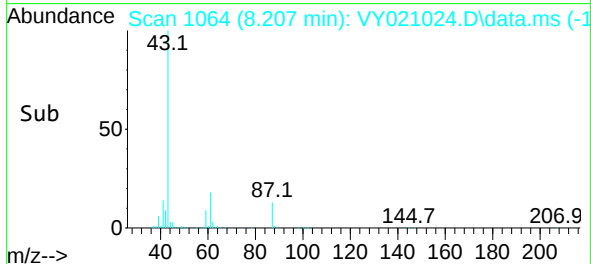
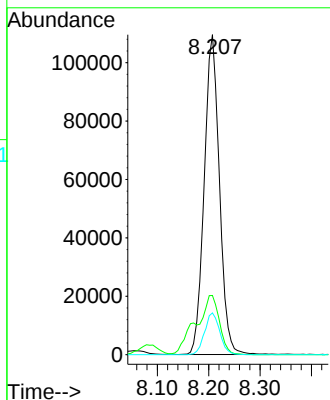
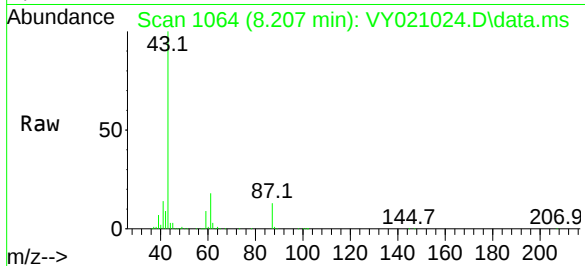




#43
Isopropyl Acetate
Concen: 121.752 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

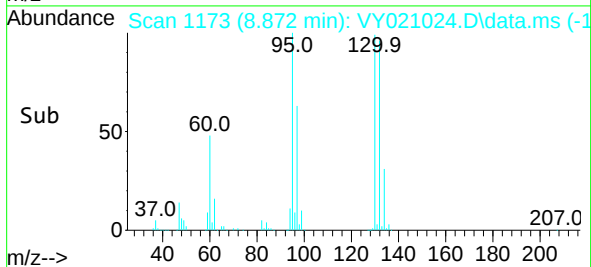
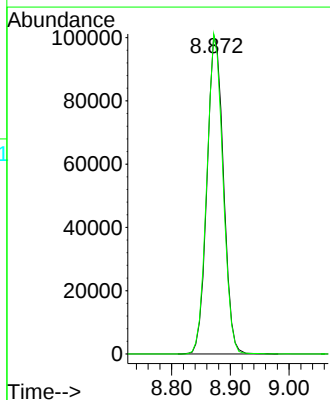
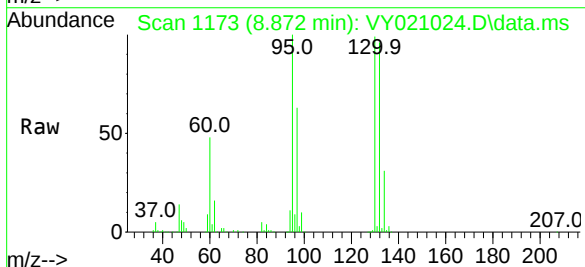
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

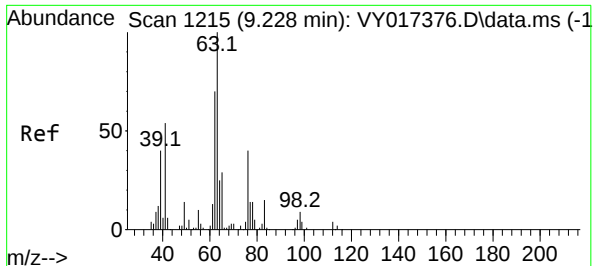
Tgt Ion: 43 Resp: 224883
Ion Ratio Lower Upper
43 100
61 28.6 15.8 23.6#
87 13.1 12.5 18.7



#44
Trichloroethene
Concen: 97.046 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:130 Resp: 195403
Ion Ratio Lower Upper
130 100
95 100.5 0.0 189.6





#45

1,2-Dichloropropane

Concen: 110.034 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

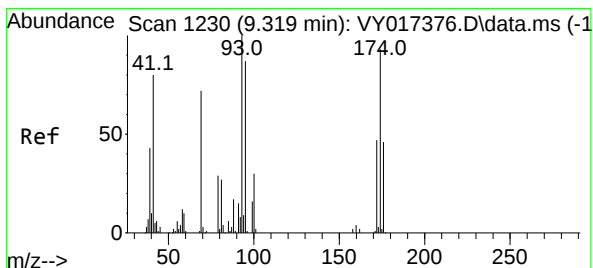
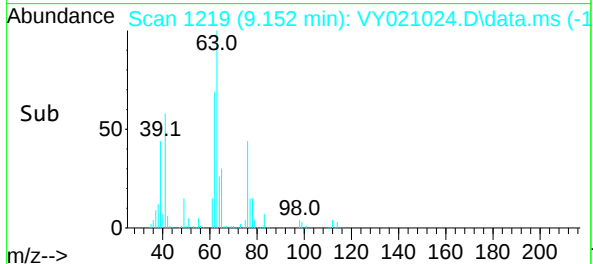
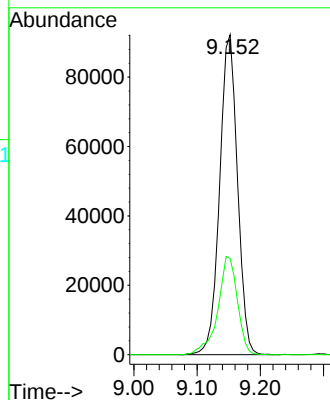
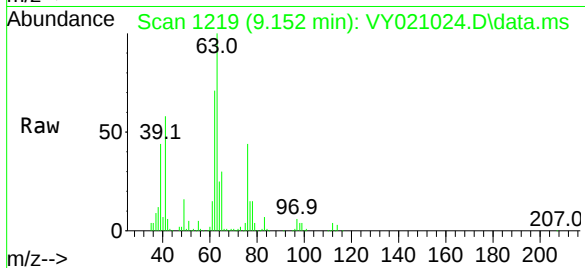
VSTDICC100

Tgt Ion: 63 Resp: 179965

Ion Ratio Lower Upper

63 100

65 30.1 23.6 35.4



#46

Dibromomethane

Concen: 100.827 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

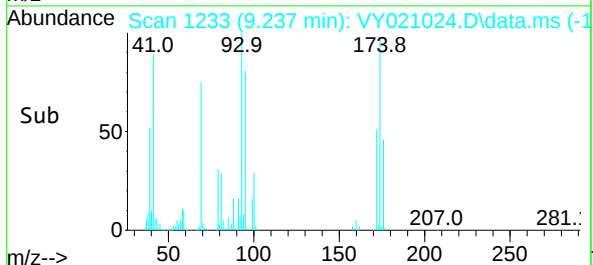
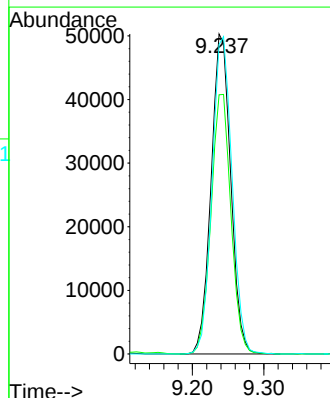
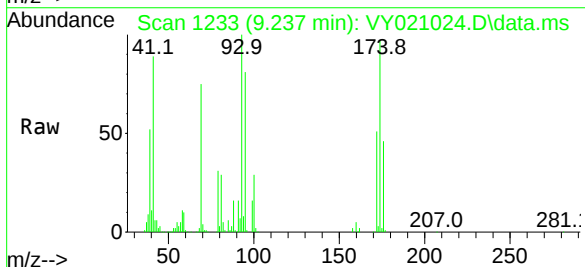
Tgt Ion: 93 Resp: 95968

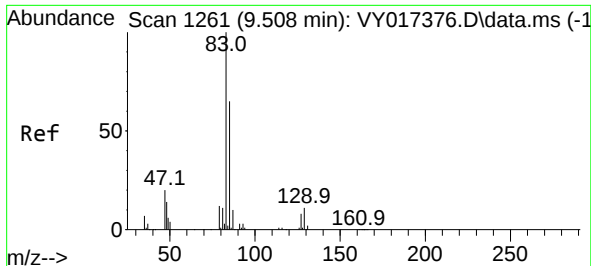
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 100.7 88.1 132.1

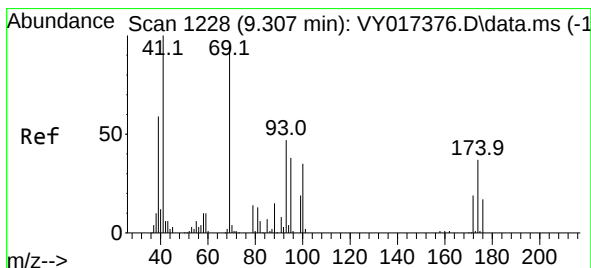
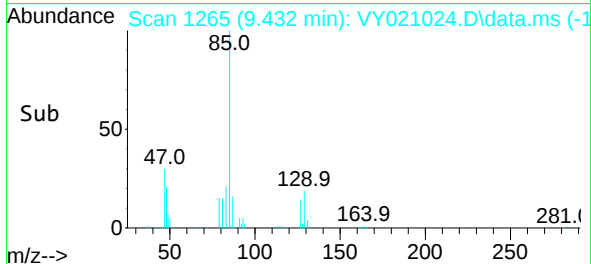
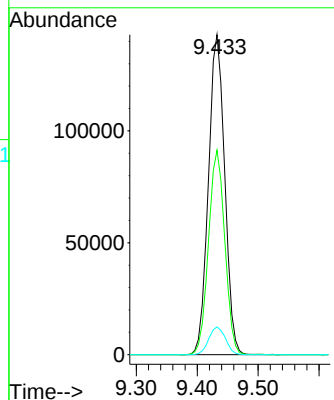
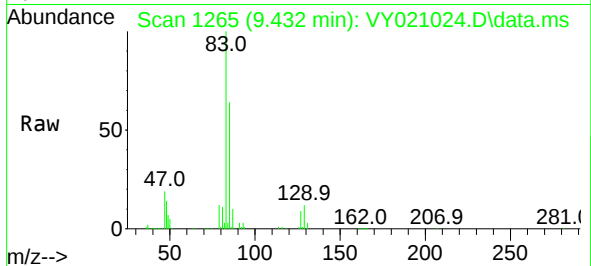




#47
Bromodichloromethane
Concen: 106.226 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

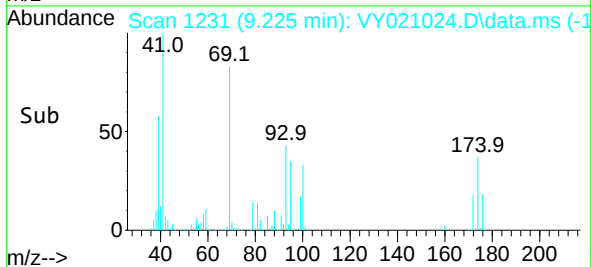
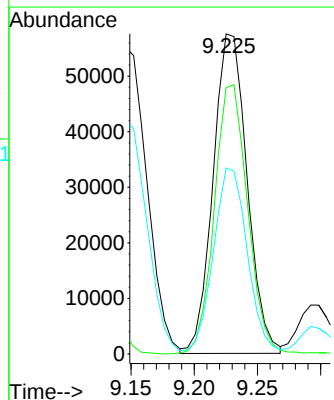
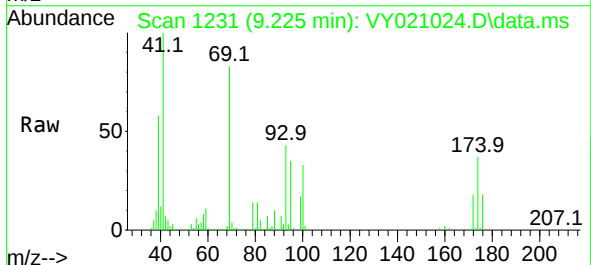
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

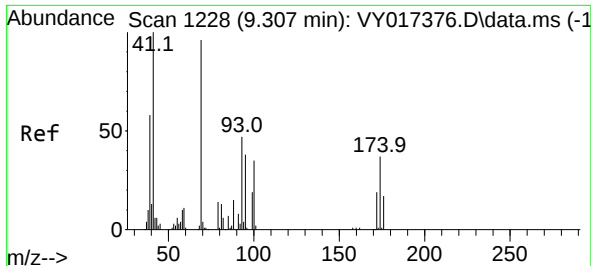
Tgt Ion: 83 Resp: 265518
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 122.427 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 41 Resp: 107661
Ion Ratio Lower Upper
41 100
69 82.8 75.6 113.4
39 56.2 41.3 61.9





#49

1,4-Dioxane

Concen: 1817.108 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

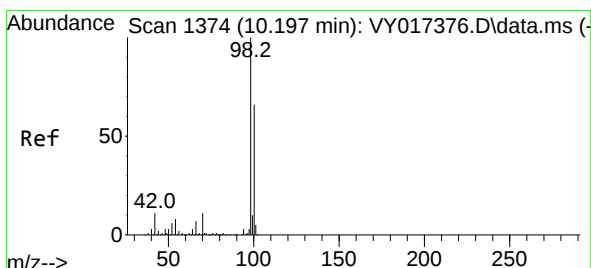
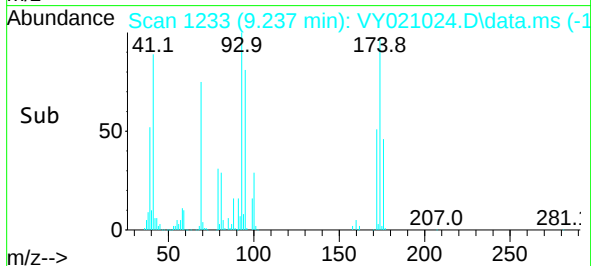
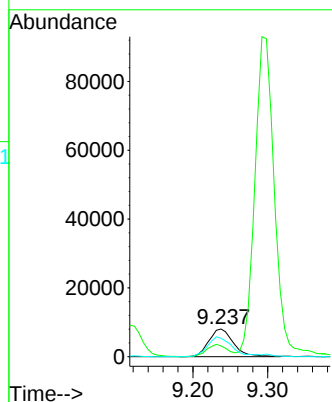
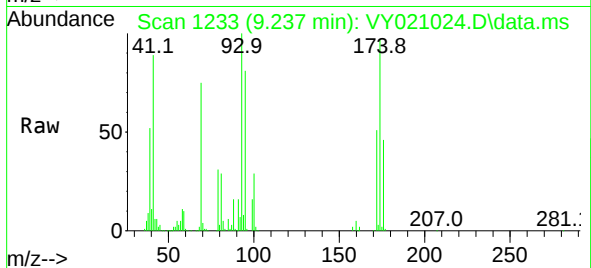
Tgt Ion: 88 Resp: 18378

Ion Ratio Lower Upper

88 100

43 37.9 24.2 36.4#

58 71.1 57.3 85.9



#50

Toluene-d8

Concen: 98.702 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021024.D

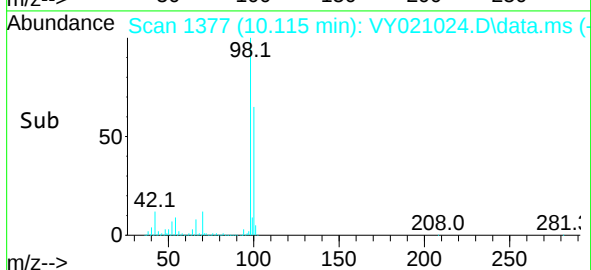
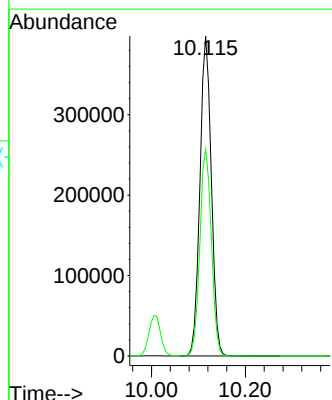
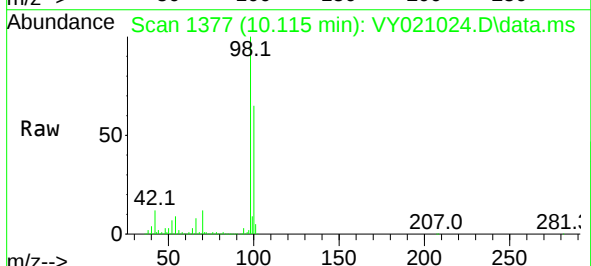
Acq: 03 Feb 2025 12:21

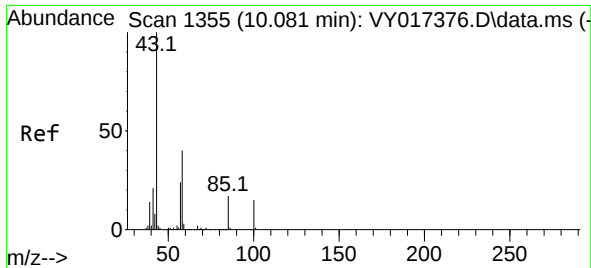
Tgt Ion: 98 Resp: 669691

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0

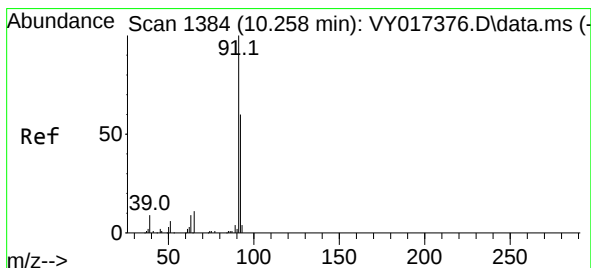
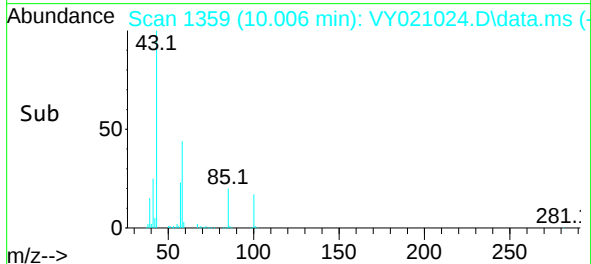
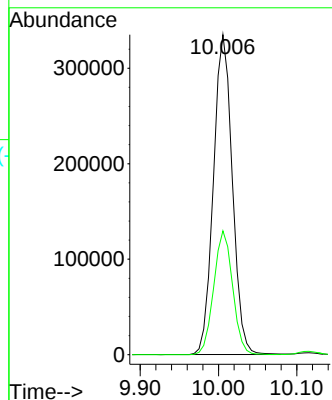
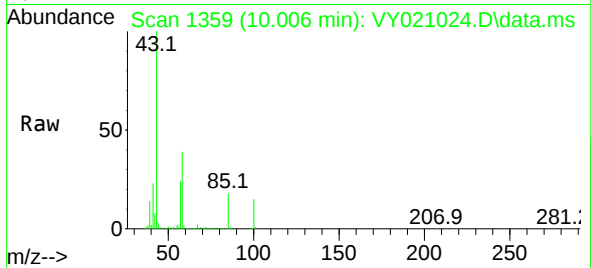




#51
4-Methyl-2-Pentanone
Concen: 592.226 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

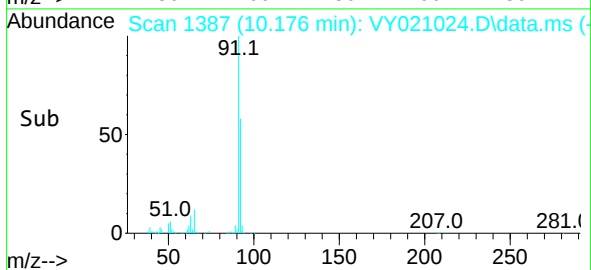
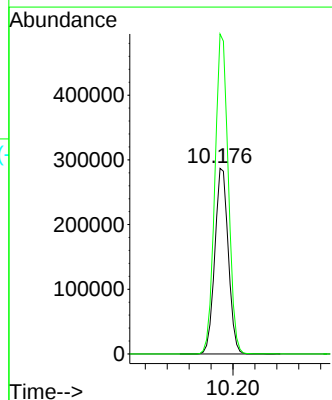
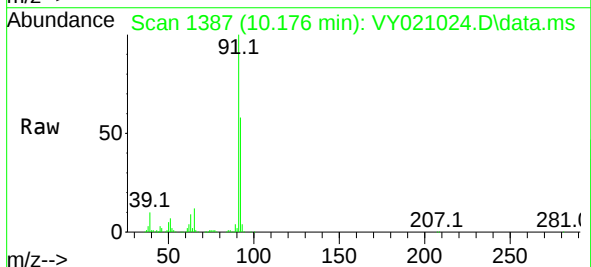
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

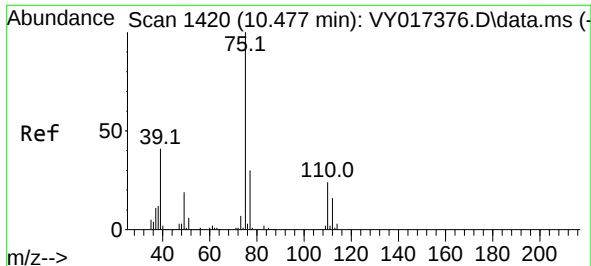
Tgt Ion: 43 Resp: 562082
Ion Ratio Lower Upper
43 100
58 38.7 33.8 50.8



#52
Toluene
Concen: 103.090 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 92 Resp: 488296
Ion Ratio Lower Upper
92 100
91 171.7 135.8 203.8

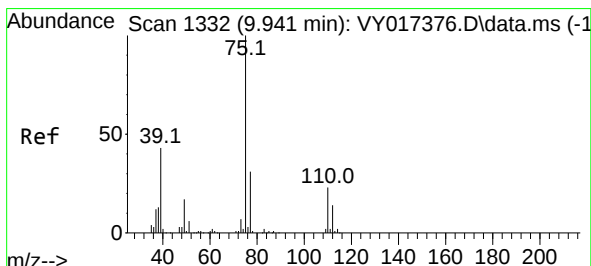
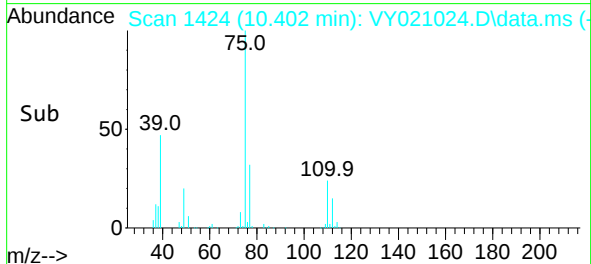
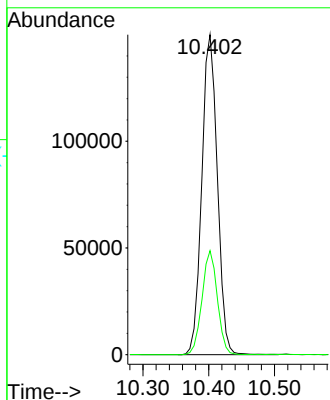
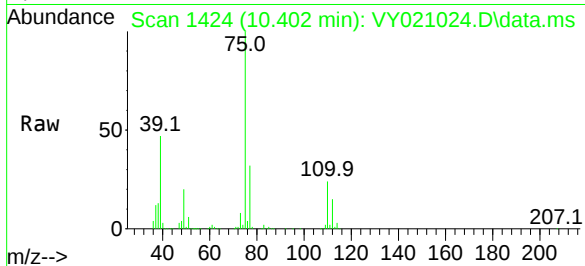




#53
 t-1,3-Dichloropropene
 Concen: 109.097 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021024.D
 Acq: 03 Feb 2025 12:21

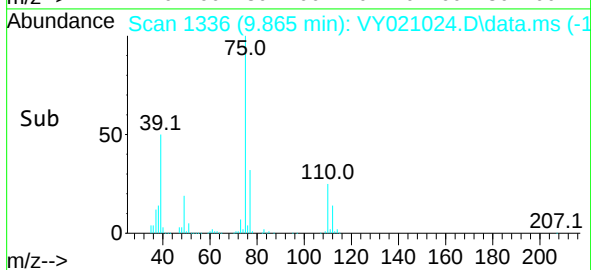
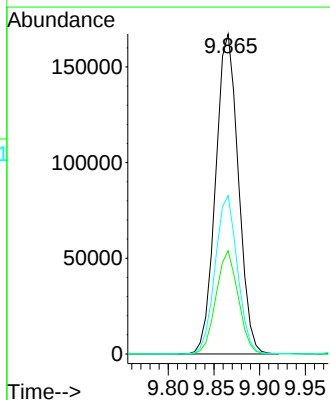
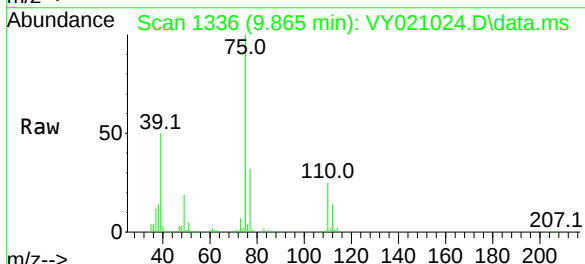
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

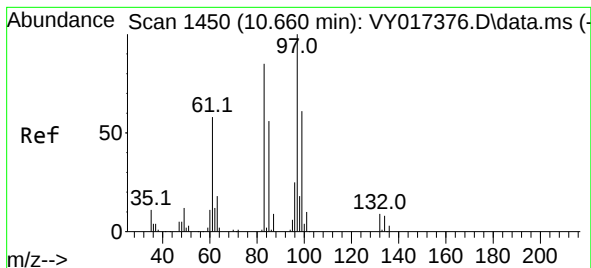
Tgt Ion: 75 Resp: 246769
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 107.141 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021024.D
 Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 289643
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 49.5 32.2 48.2#

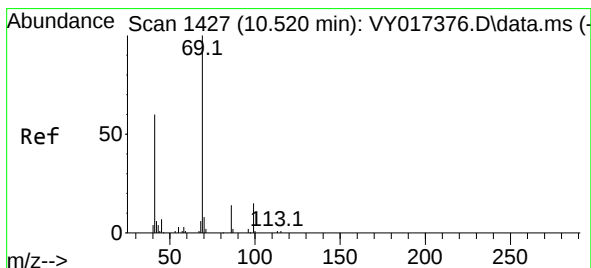
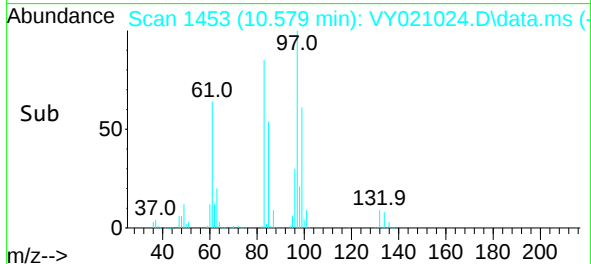
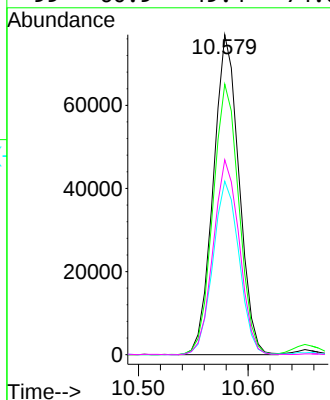
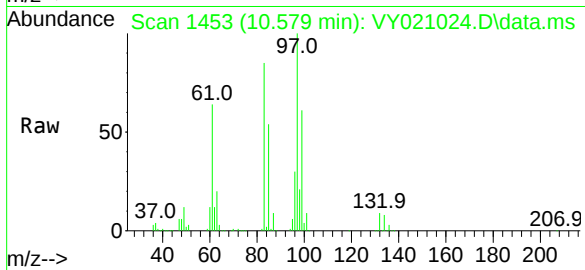




#55
1,1,2-Trichloroethane
Concen: 99.248 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

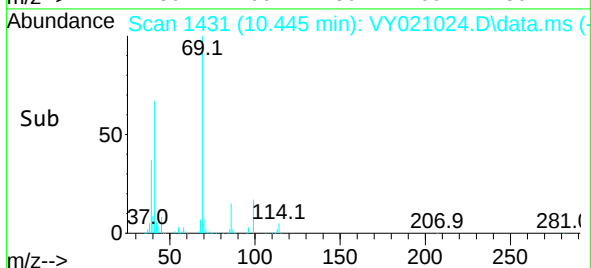
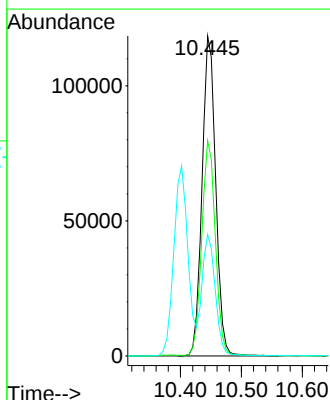
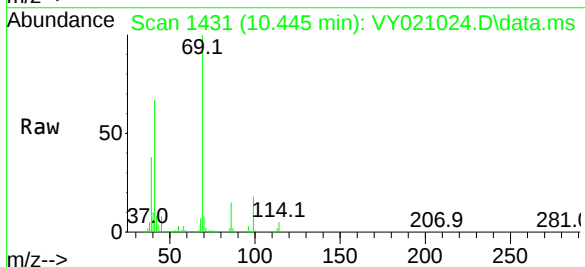
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

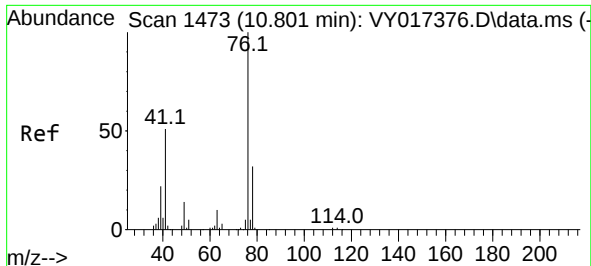
Tgt Ion: 97 Resp: 125626
Ion Ratio Lower Upper
97 100
83 84.5 67.7 101.5
85 54.2 43.4 65.2
99 60.9 49.4 74.0



#56
Ethyl methacrylate
Concen: 111.337 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 69 Resp: 184212
Ion Ratio Lower Upper
69 100
41 66.9 46.3 69.5
39 36.5 24.5 36.7





#57

1,3-Dichloropropane

Concen: 102.639 ug/l

RT: 10.725 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

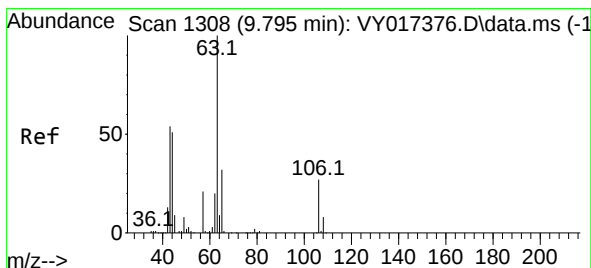
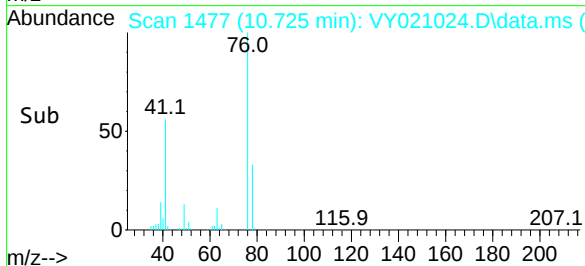
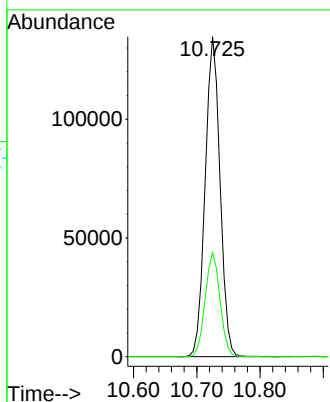
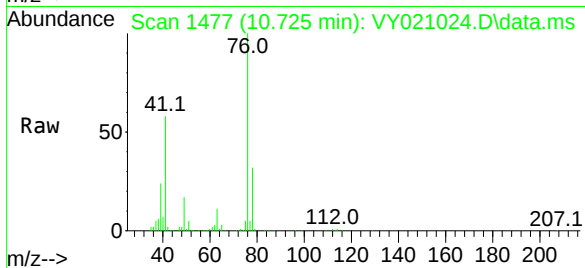
VSTDICC100

Tgt Ion: 76 Resp: 220204

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 599.795 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021024.D

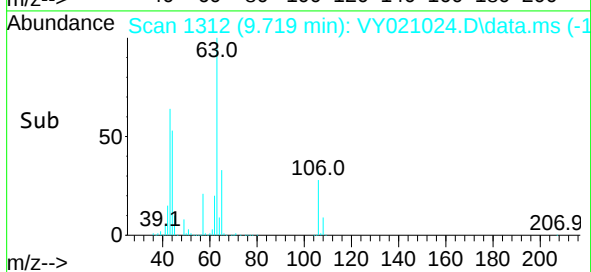
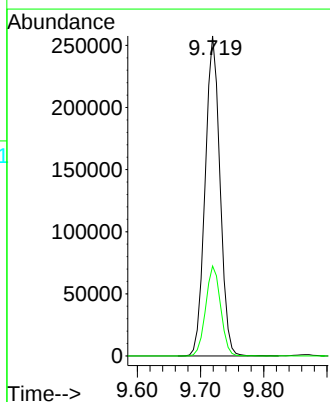
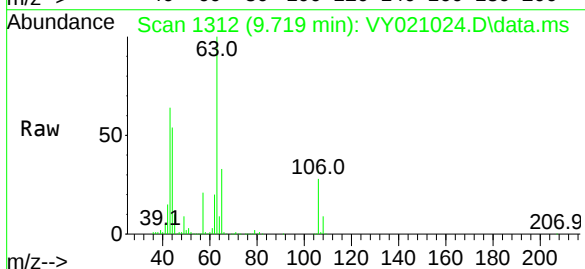
Acq: 03 Feb 2025 12:21

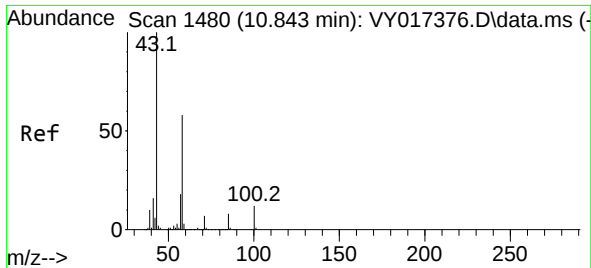
Tgt Ion: 63 Resp: 421206

Ion Ratio Lower Upper

63 100

106 28.2 24.7 37.1

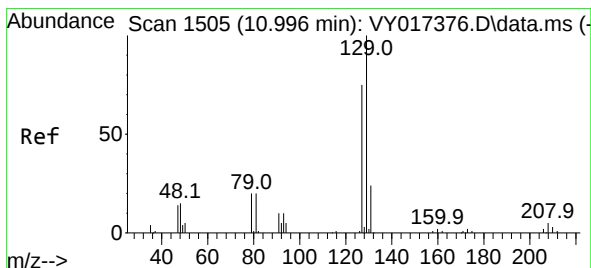
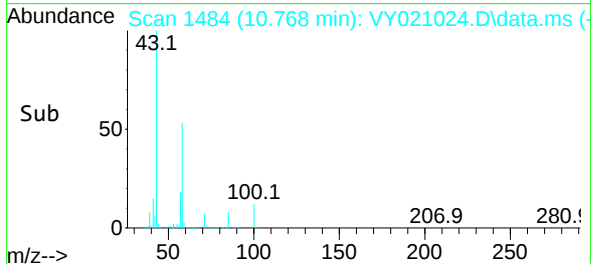
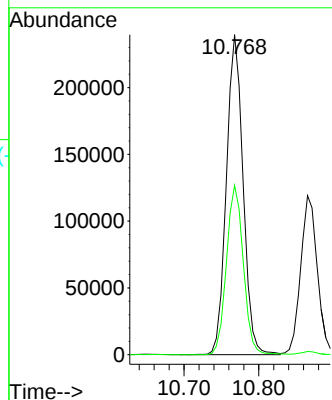
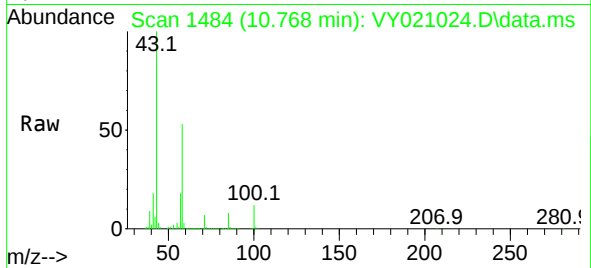




#59
2-Hexanone
Concen: 605.028 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

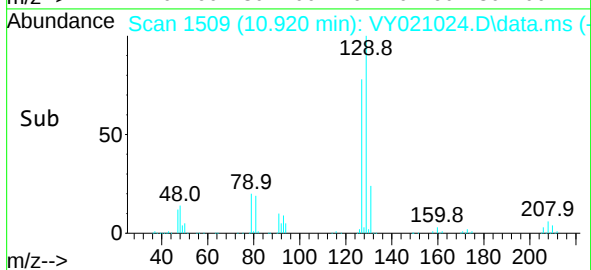
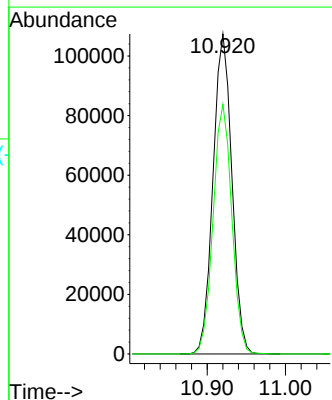
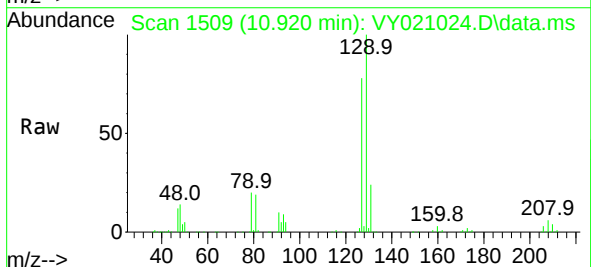
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

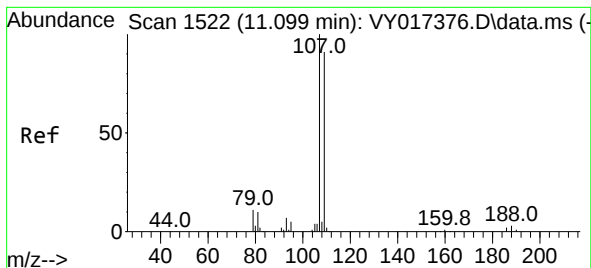
Tgt Ion: 43 Resp: 373249
Ion Ratio Lower Upper
43 100
58 53.4 29.8 89.3



#60
Dibromochloromethane
Concen: 99.202 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:129 Resp: 179036
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 97.250 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

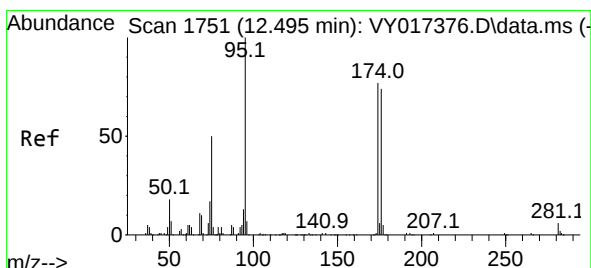
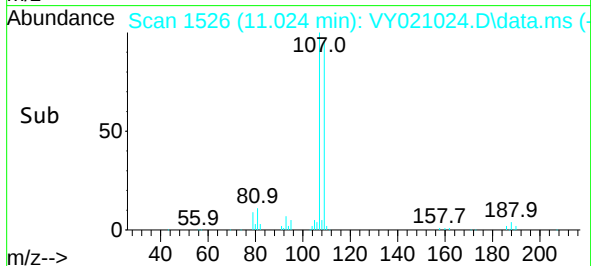
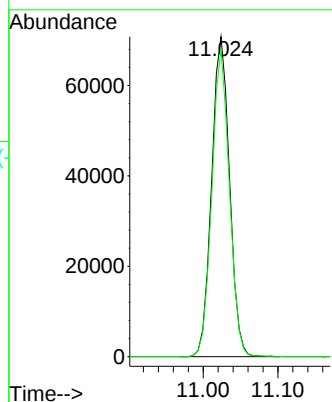
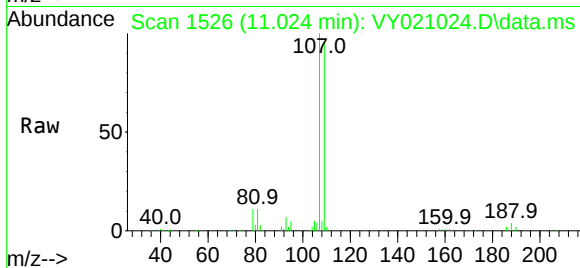
VSTDIC100

Tgt Ion:107 Resp: 117576

Ion Ratio Lower Upper

107 100

109 93.9 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 95.157 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

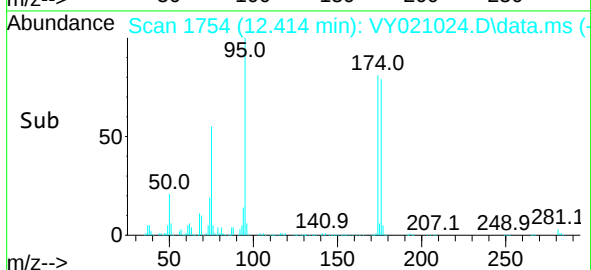
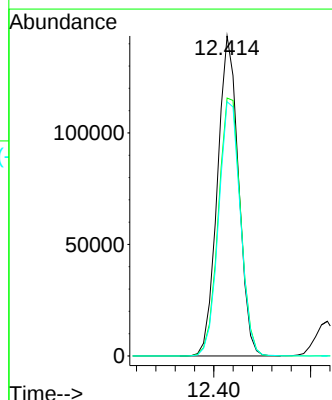
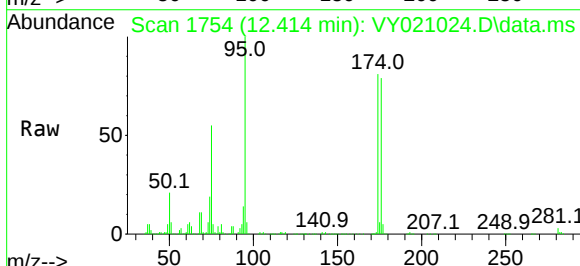
Tgt Ion: 95 Resp: 216644

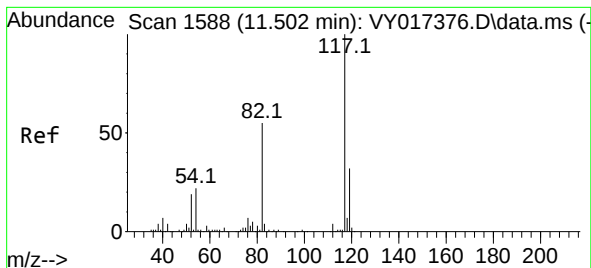
Ion Ratio Lower Upper

95 100

174 84.9 0.0 181.2

176 82.0 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

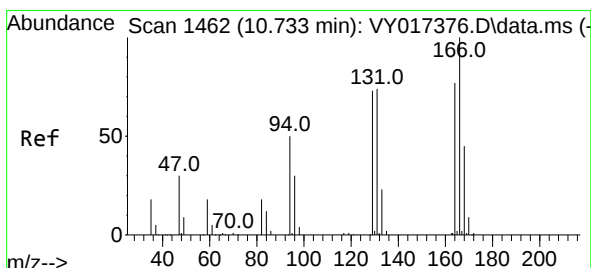
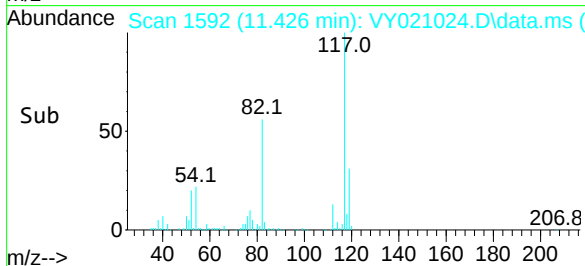
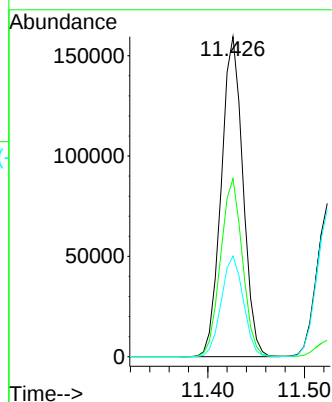
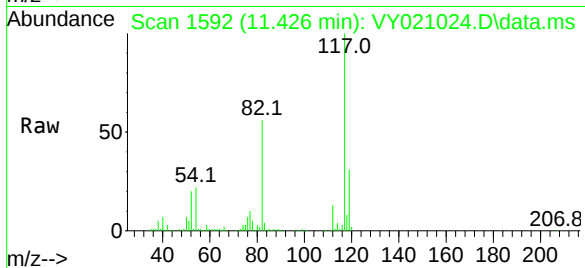
Tgt Ion:117 Resp: 248171

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 93.066 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Tgt Ion:164 Resp: 174223

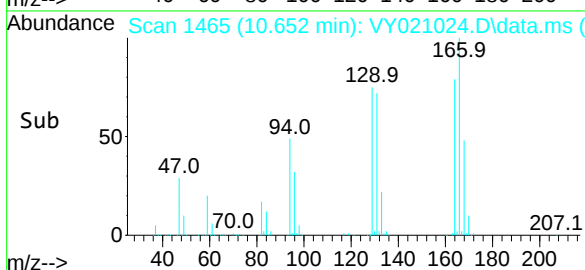
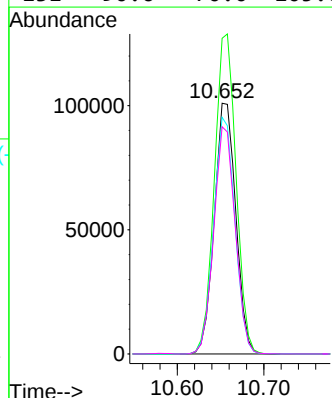
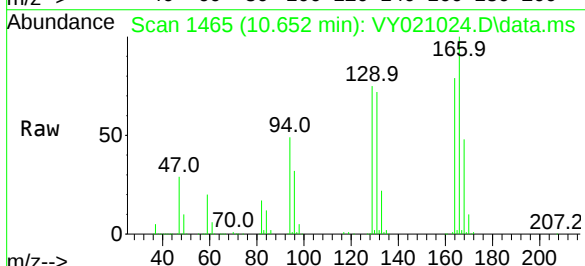
Ion Ratio Lower Upper

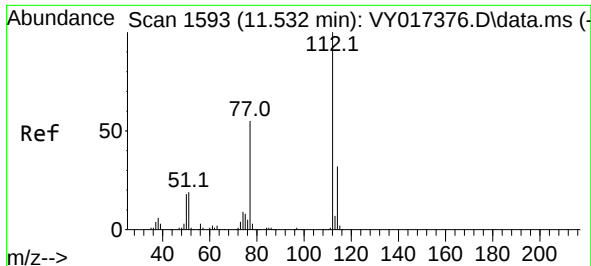
164 100

166 125.9 100.4 150.6

129 94.4 70.8 106.2

131 90.6 70.0 105.0

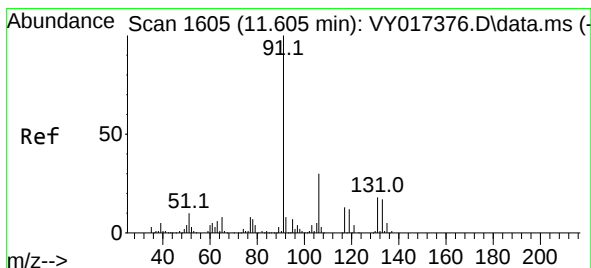
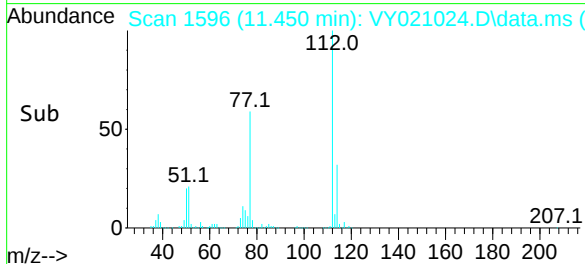
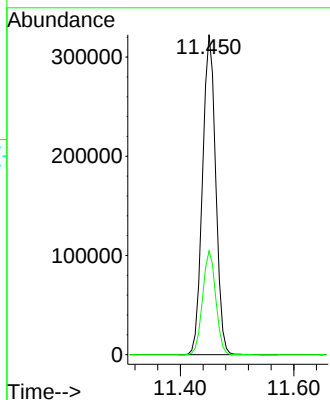
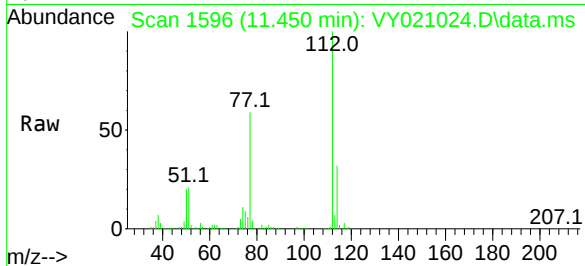




#65
Chlorobenzene
Concen: 99.441 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

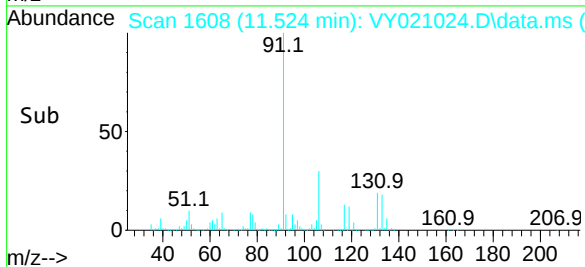
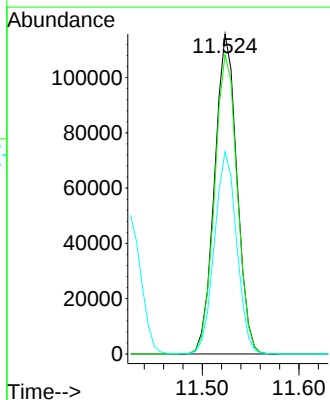
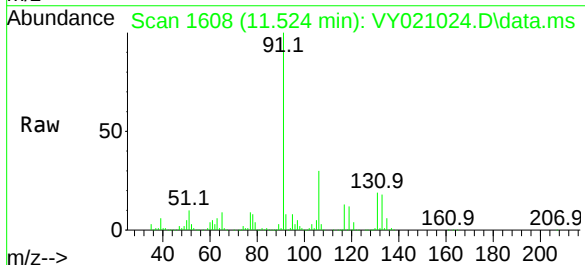
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

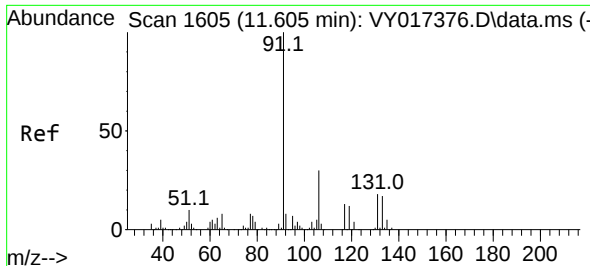
Tgt Ion:112 Resp: 519942
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 99.917 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:131 Resp: 185418
Ion Ratio Lower Upper
131 100
133 95.2 48.7 146.1
119 63.0 31.4 94.3

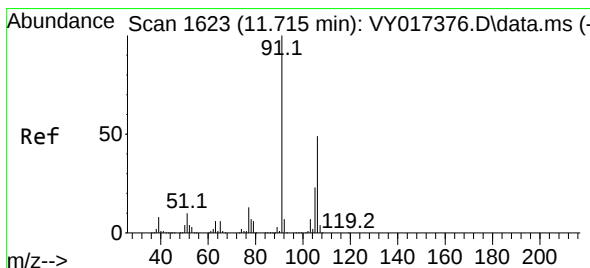
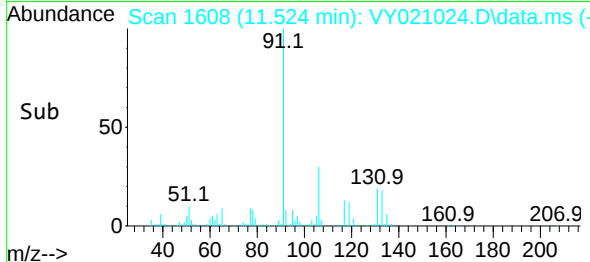
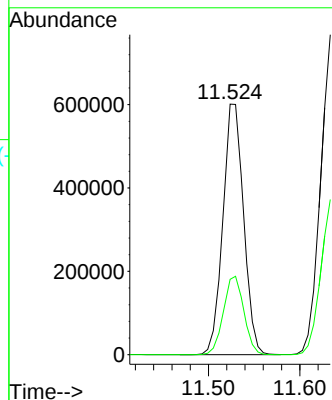
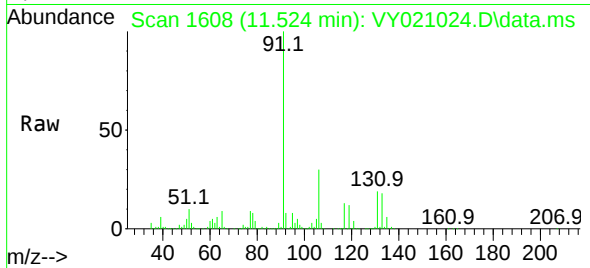




#67
Ethyl Benzene
Concen: 104.939 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

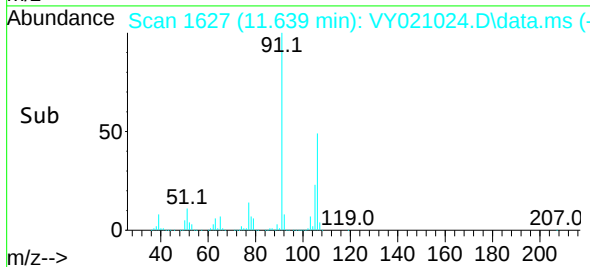
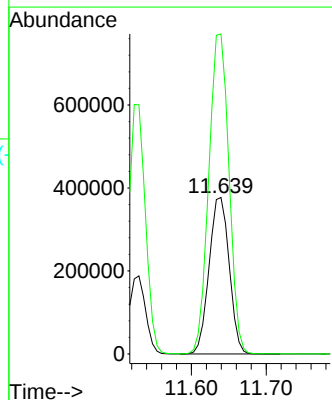
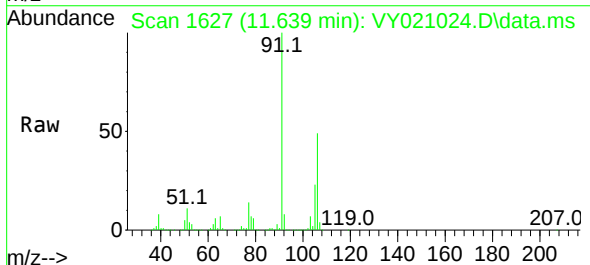
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

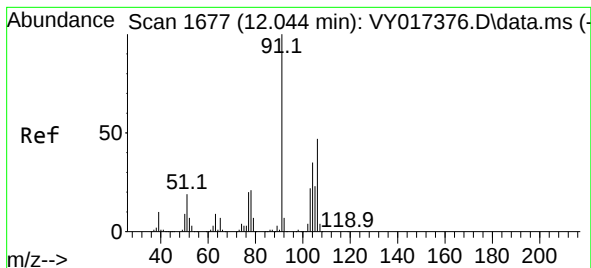
Tgt Ion: 91 Resp: 950017
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 202.801 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:106 Resp: 705393
Ion Ratio Lower Upper
106 100
91 205.1 160.0 240.0





#69

o-Xylene

Concen: 102.783 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

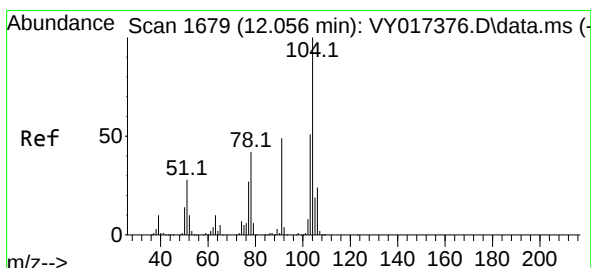
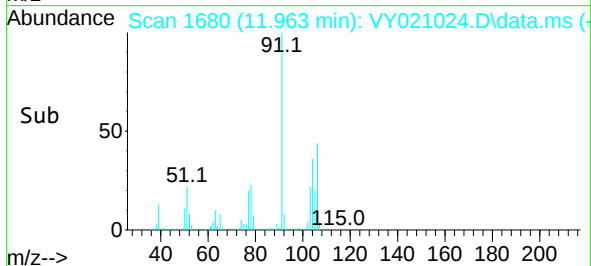
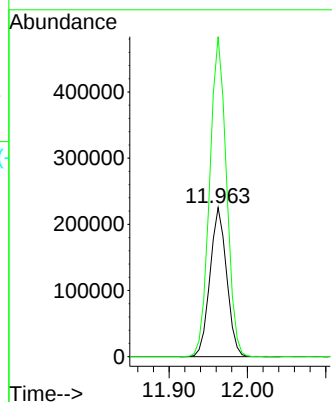
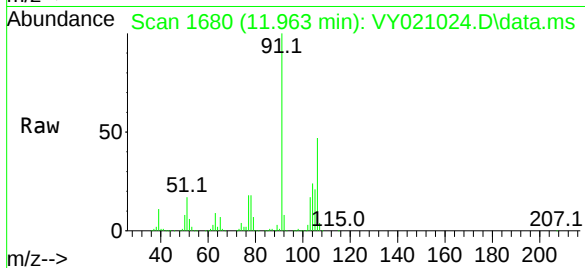
VSTDIC100

Tgt Ion:106 Resp: 332346

Ion Ratio Lower Upper

106 100

91 216.9 105.8 317.6



#70

Styrene

Concen: 104.245 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

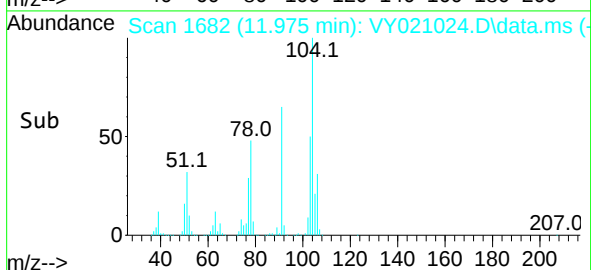
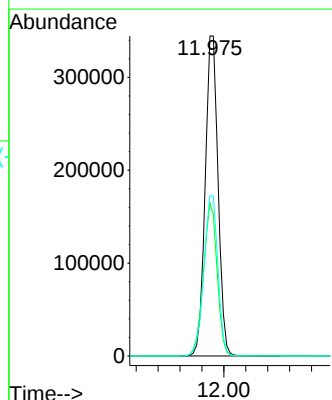
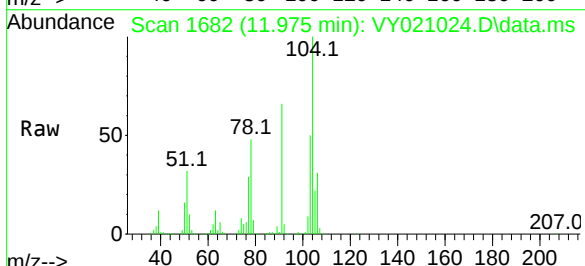
Tgt Ion:104 Resp: 559633

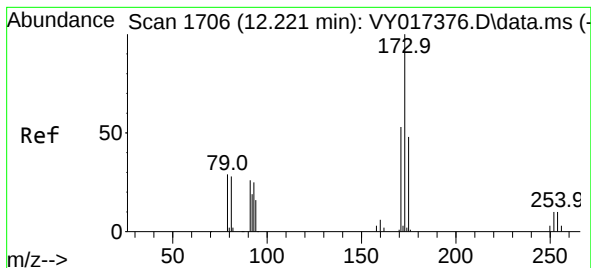
Ion Ratio Lower Upper

104 100

78 50.9 39.0 58.4

103 54.6 43.7 65.5





#71

Bromoform

Concen: 92.910 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

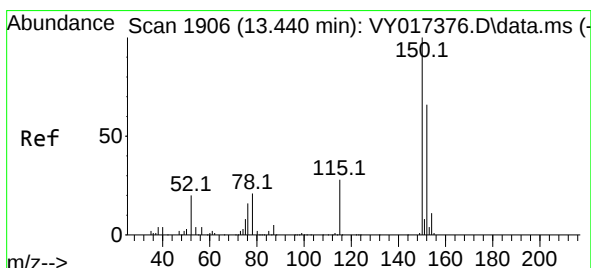
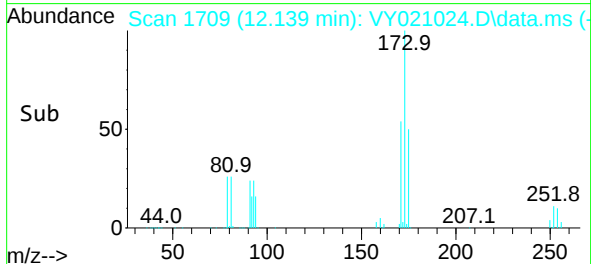
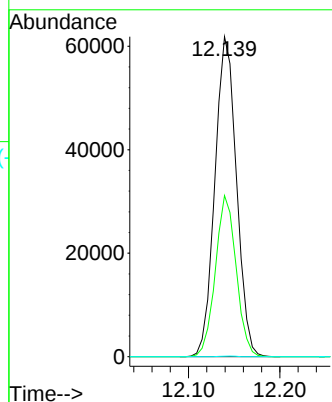
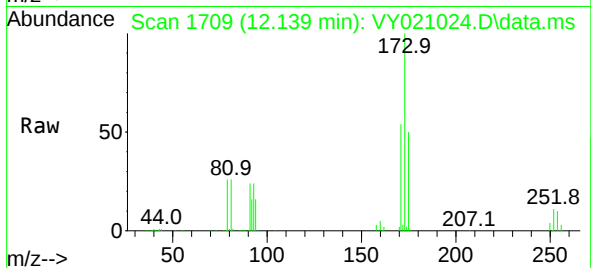
Tgt Ion:173 Resp: 101615

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

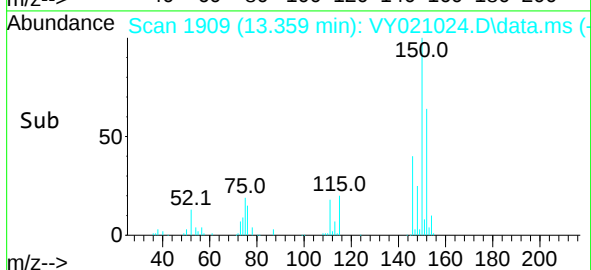
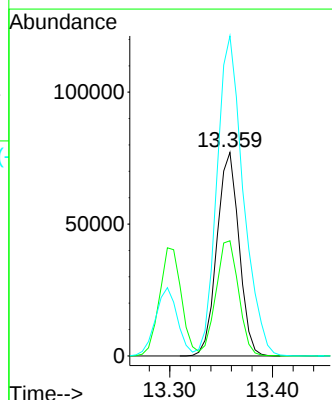
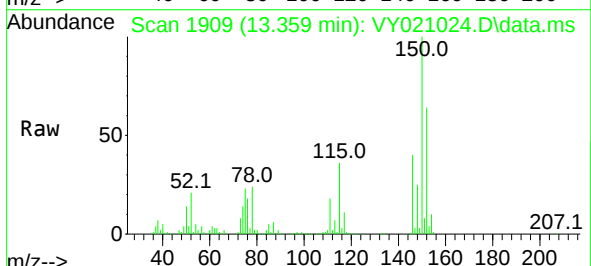
Tgt Ion:152 Resp: 115163

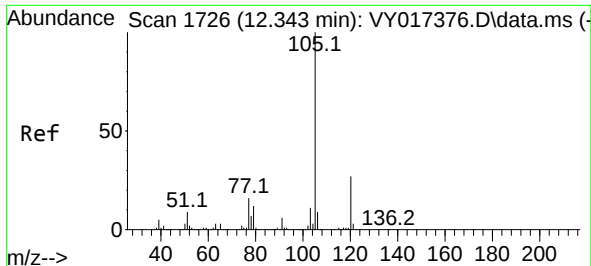
Ion Ratio Lower Upper

152 100

115 58.0 28.4 85.2

150 188.0 0.0 342.8

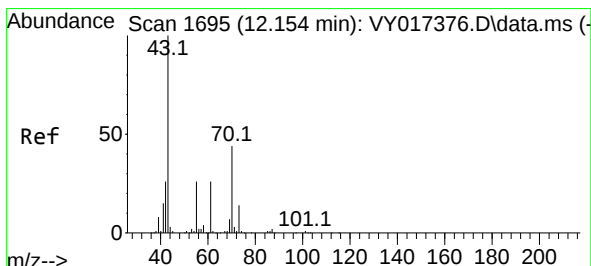
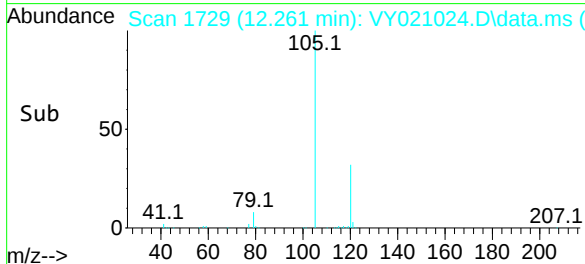
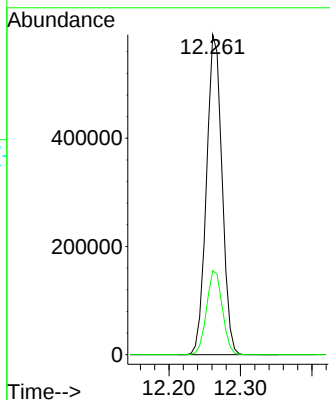
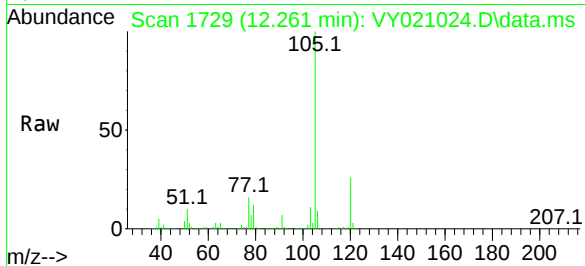




#73
Isopropylbenzene
Concen: 110.247 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

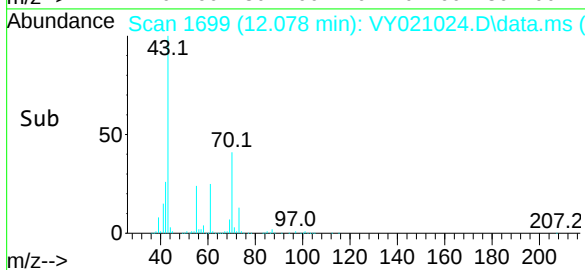
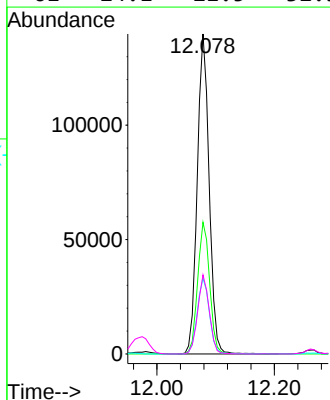
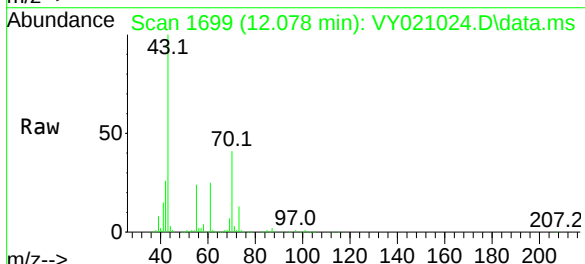
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

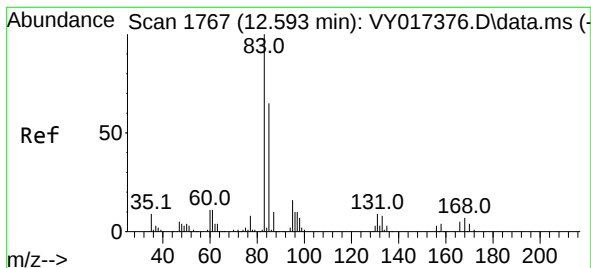
Tgt Ion:105 Resp: 891697
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-amy1 acetate
Concen: 133.629 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 43 Resp: 196809
Ion Ratio Lower Upper
43 100
70 41.4 39.3 58.9
55 24.2 22.3 33.5
61 24.1 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 105.393 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

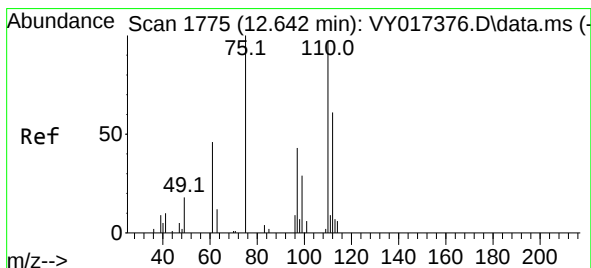
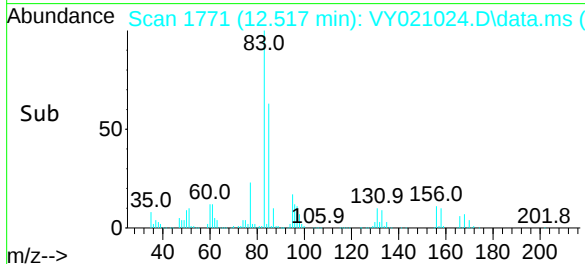
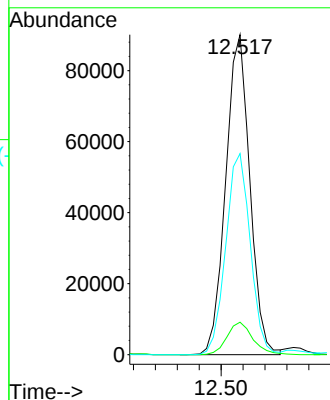
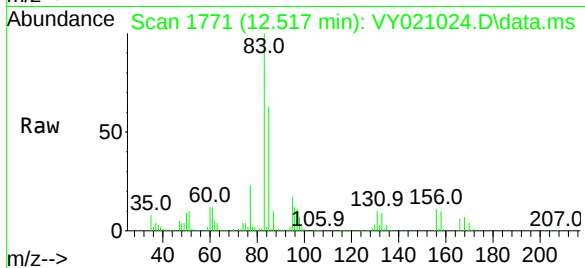
Tgt Ion: 83 Resp: 137599

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 201.939 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY021024.D

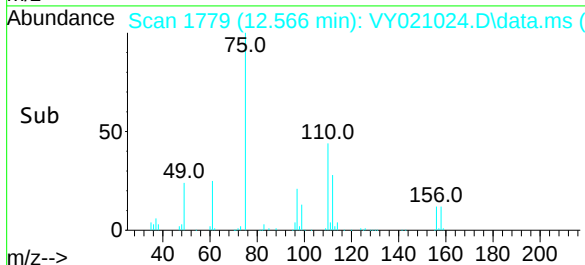
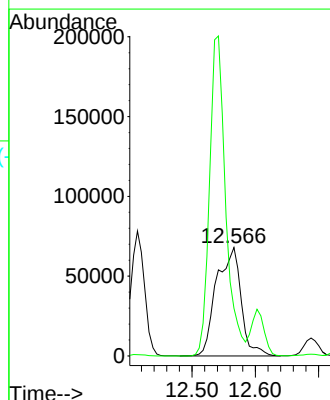
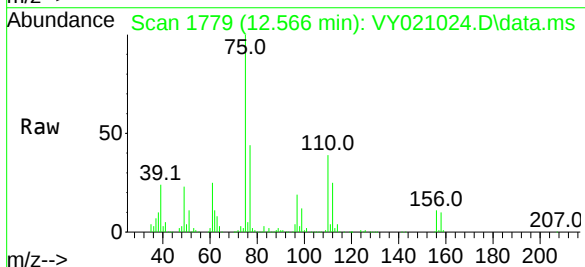
Acq: 03 Feb 2025 12:21

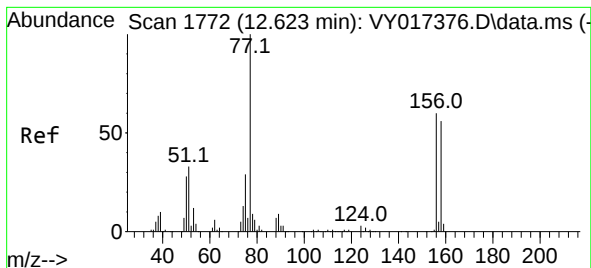
Tgt Ion: 75 Resp: 184099

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.627 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

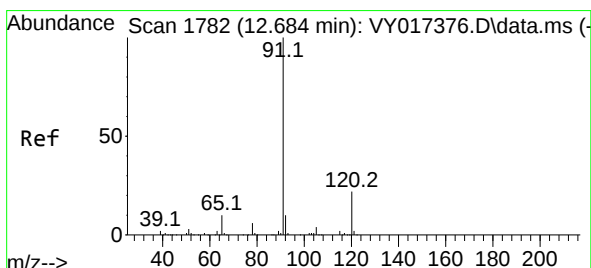
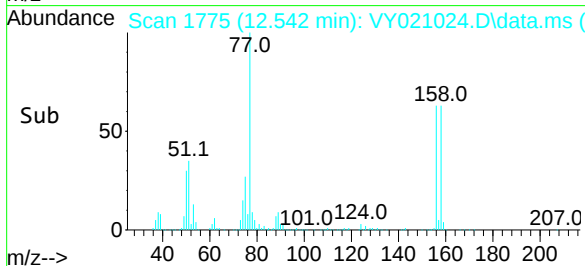
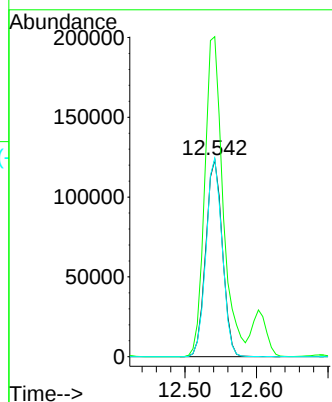
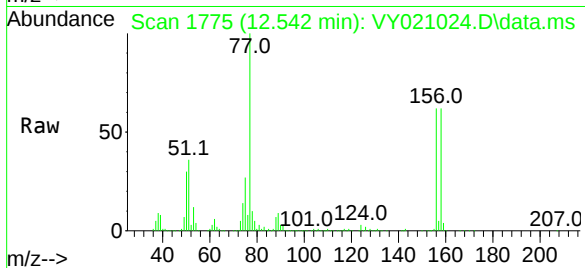
Tgt Ion:156 Resp: 198715

Ion Ratio Lower Upper

156 100

77 179.5 83.3 249.9

158 98.1 48.3 144.9



#78

n-propylbenzene

Concen: 111.529 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY021024.D

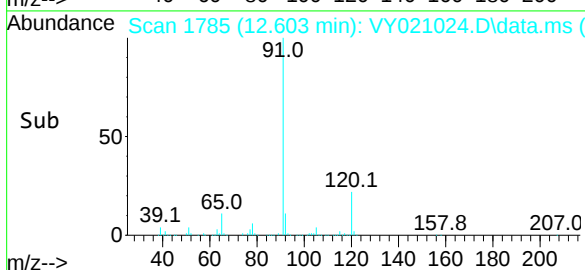
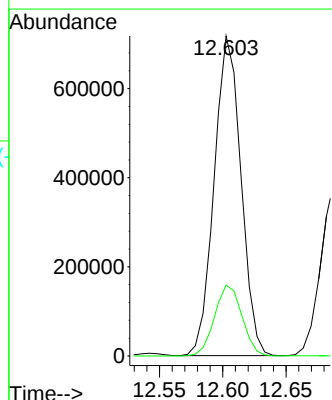
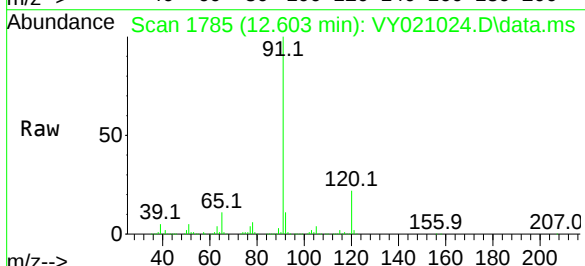
Acq: 03 Feb 2025 12:21

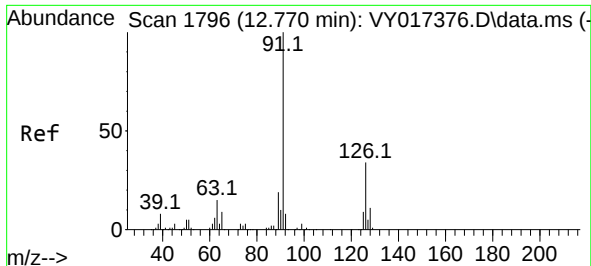
Tgt Ion: 91 Resp: 1057216

Ion Ratio Lower Upper

91 100

120 22.6 11.8 35.4

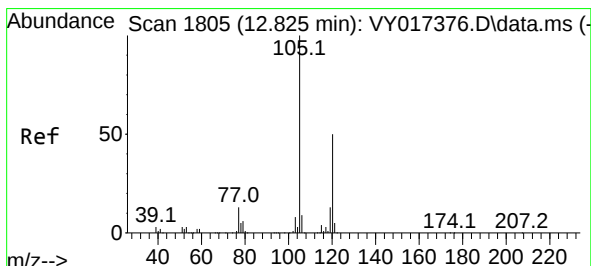
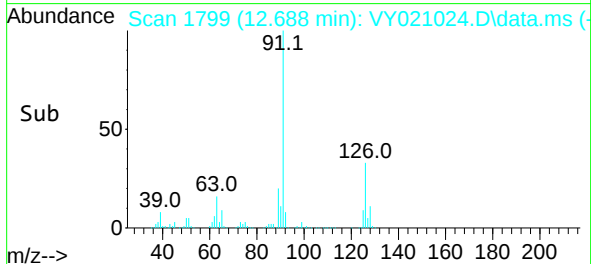
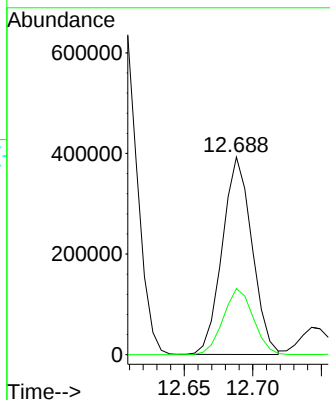
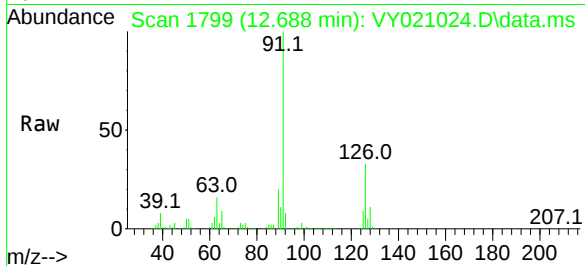




#79
2-Chlorotoluene
Concen: 109.632 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

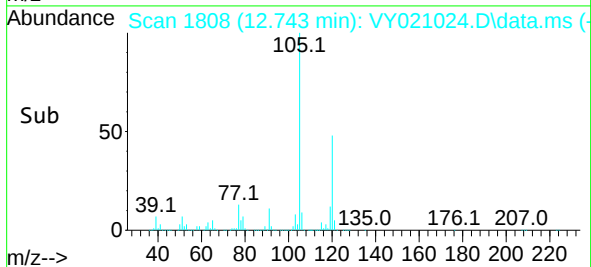
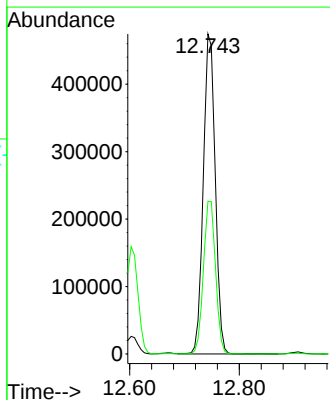
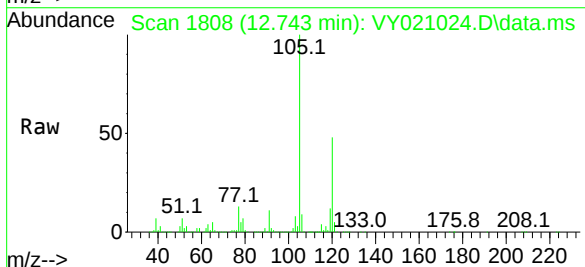
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

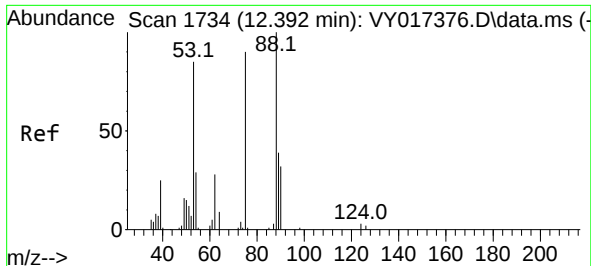
Tgt Ion: 91 Resp: 592096
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 107.741 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 105 Resp: 713935
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

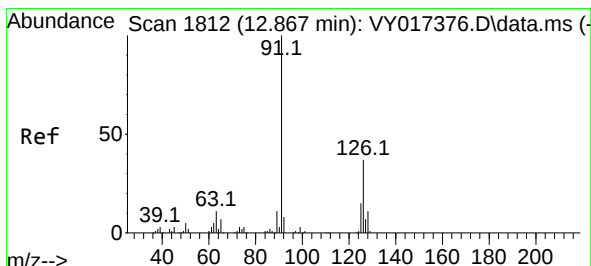
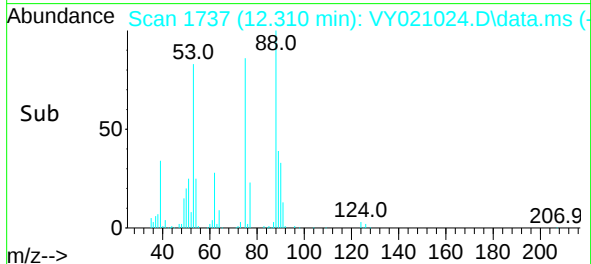
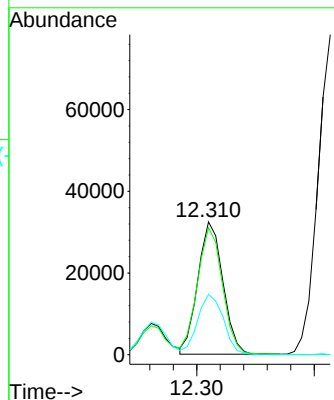
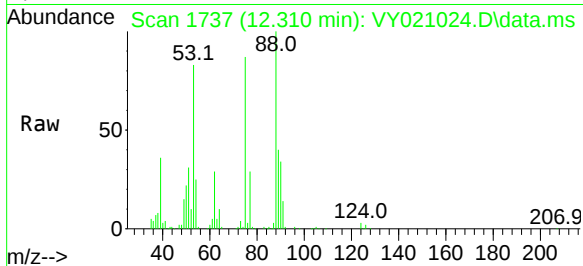




#81
trans-1,4-Dichloro-2-butene
Concen: 108.944 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

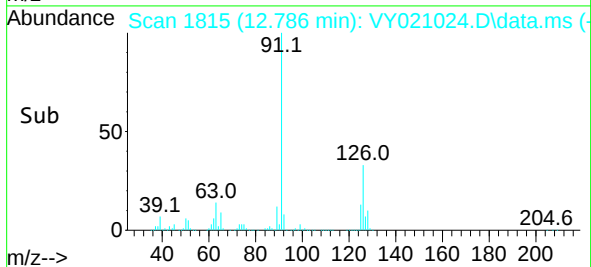
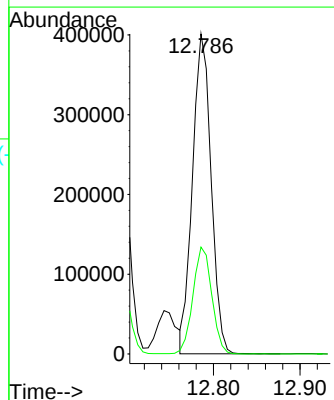
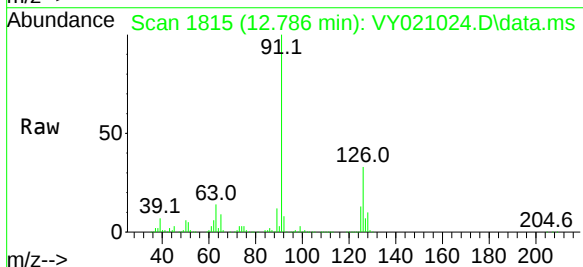
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

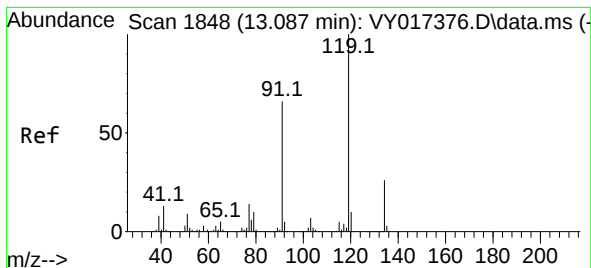
Tgt Ion: 75 Resp: 47846
Ion Ratio Lower Upper
75 100
53 97.1 68.6 103.0
89 47.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 108.014 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion: 91 Resp: 597047
Ion Ratio Lower Upper
91 100
126 34.0 17.3 52.0





#83

tert-Butylbenzene

Concen: 103.933 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

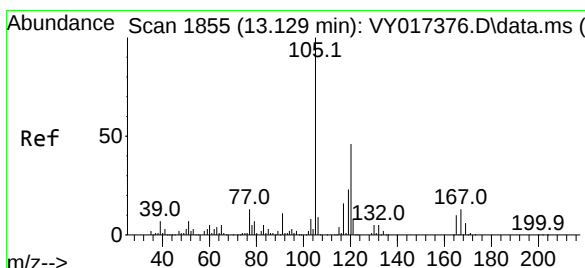
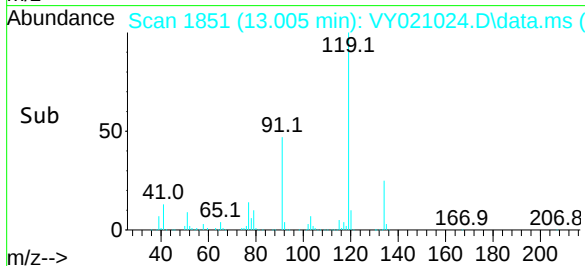
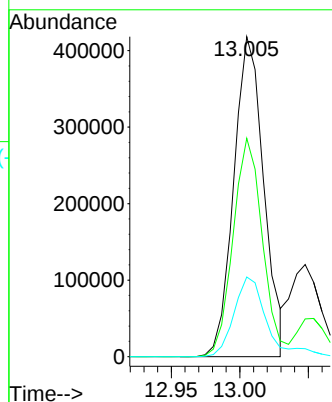
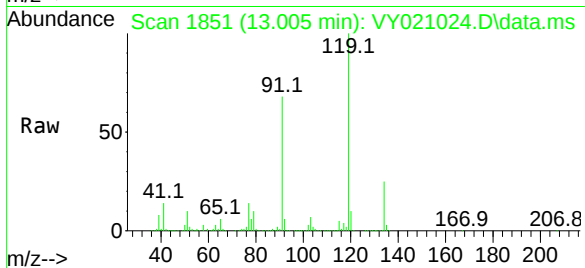
Tgt Ion:119 Resp: 638740

Ion Ratio Lower Upper

119 100

91 66.9 31.4 94.0

134 27.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 108.409 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021024.D

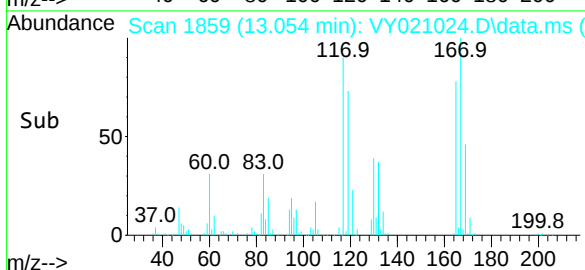
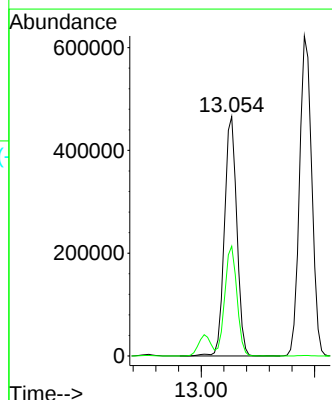
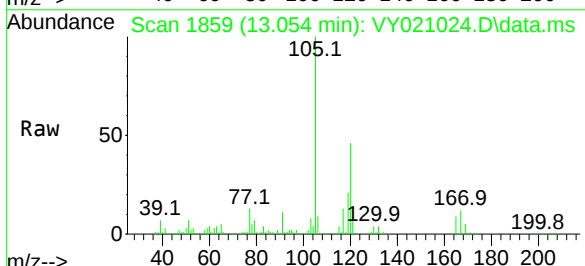
Acq: 03 Feb 2025 12:21

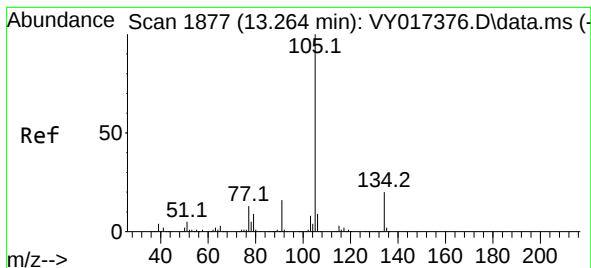
Tgt Ion:105 Resp: 701716

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.0





#85

sec-Butylbenzene

Concen: 107.093 ug/l

RT: 13.182 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

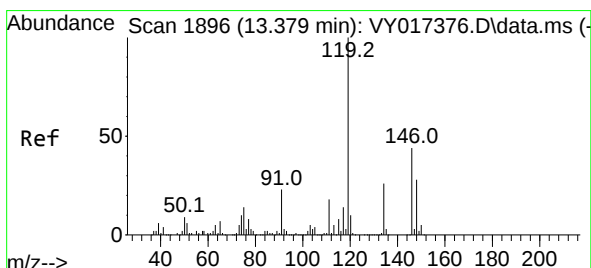
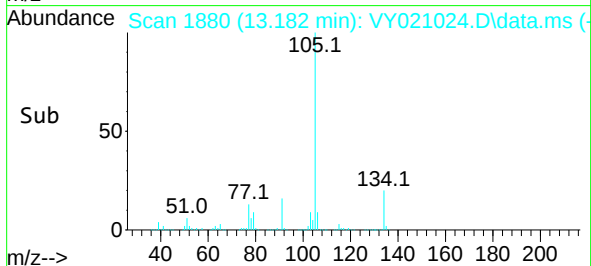
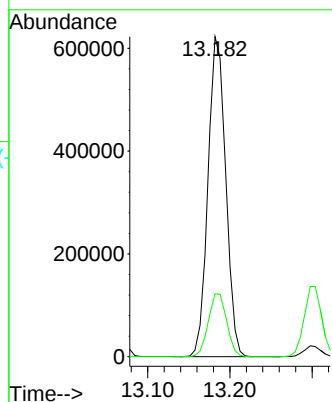
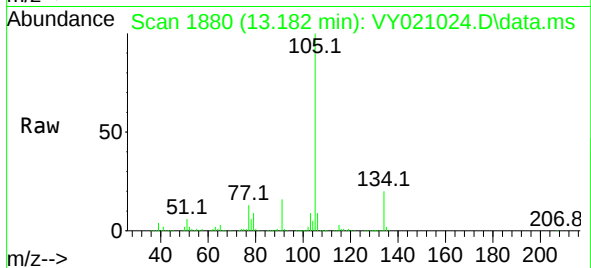
VSTDIC100

Tgt Ion:105 Resp: 931799

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 106.512 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

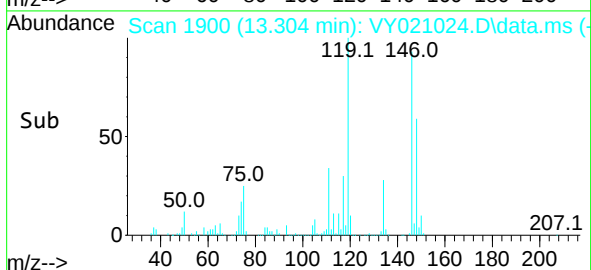
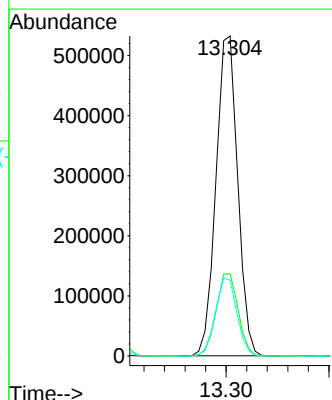
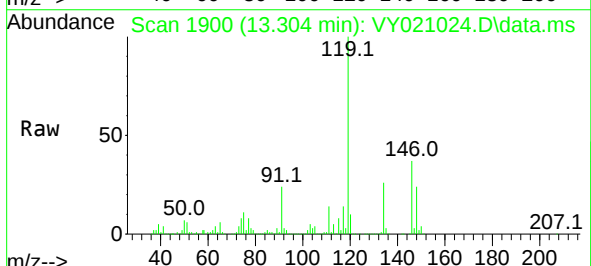
Tgt Ion:119 Resp: 778814

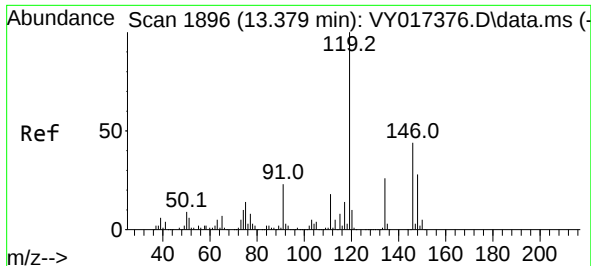
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.2 11.5 34.5

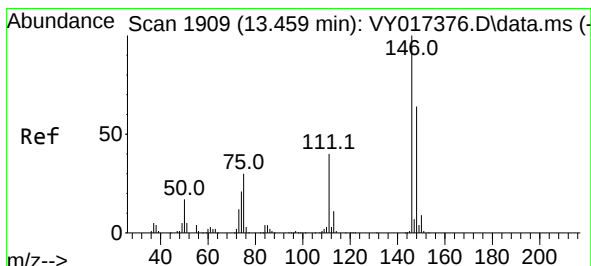
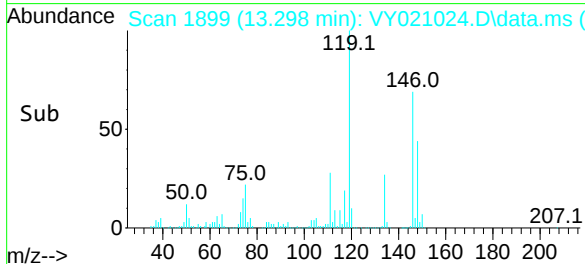
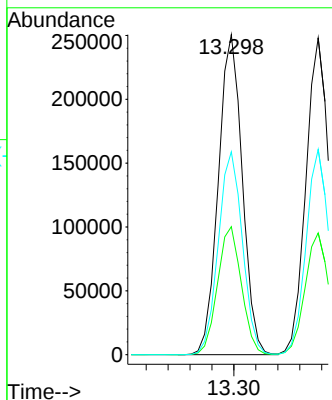
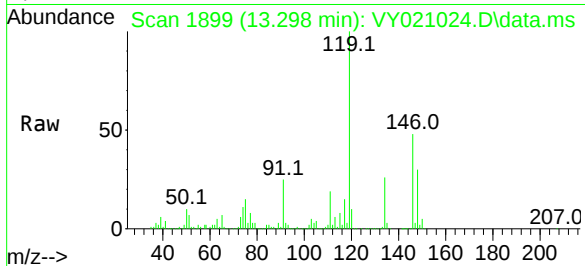




#87
1,3-Dichlorobenzene
Concen: 101.760 ug/l
RT: 13.298 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

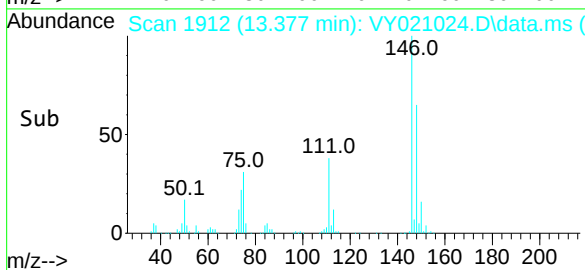
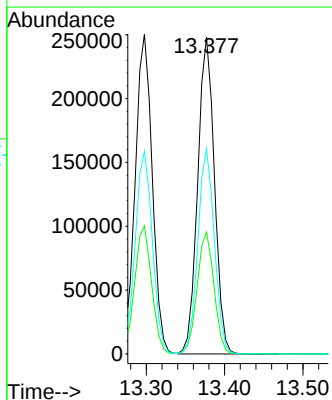
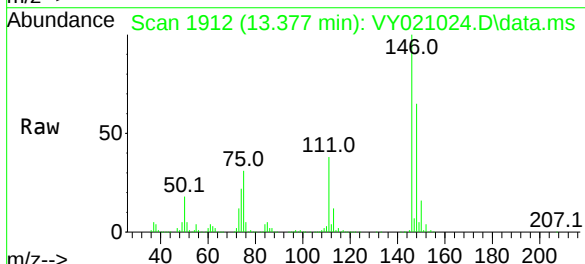
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

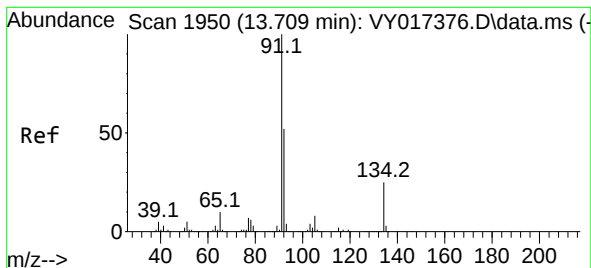
Tgt Ion:146 Resp: 380481
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 64.0 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 99.212 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021024.D
Acq: 03 Feb 2025 12:21

Tgt Ion:146 Resp: 368361
Ion Ratio Lower Upper
146 100
111 38.7 19.0 57.0
148 64.0 31.6 95.0





#89

n-Butylbenzene

Concen: 109.974 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

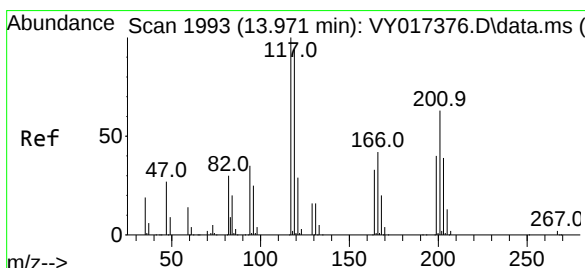
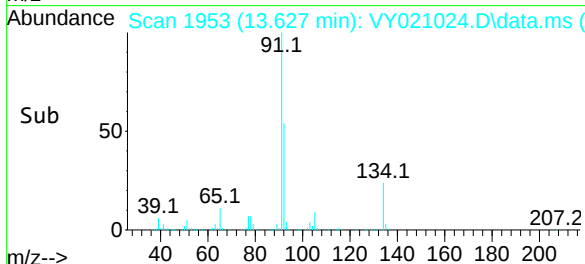
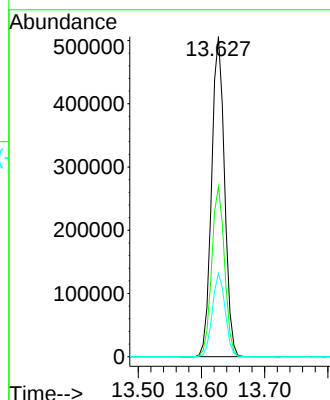
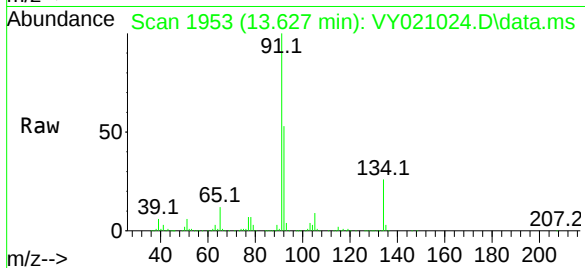
Tgt Ion: 91 Resp: 720257

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 25.9 13.7 41.1



#90

Hexachloroethane

Concen: 108.782 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY021024.D

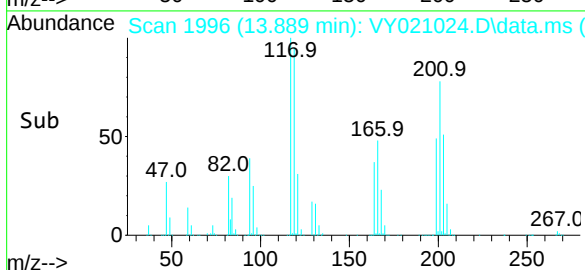
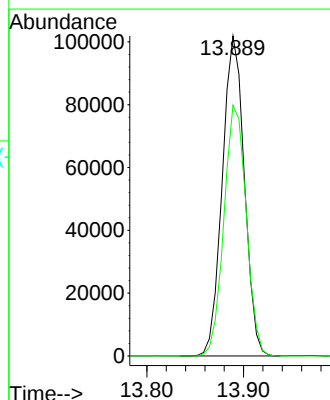
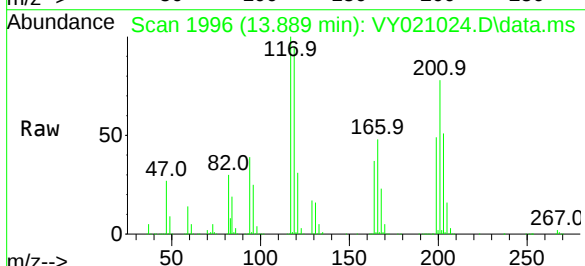
Acq: 03 Feb 2025 12:21

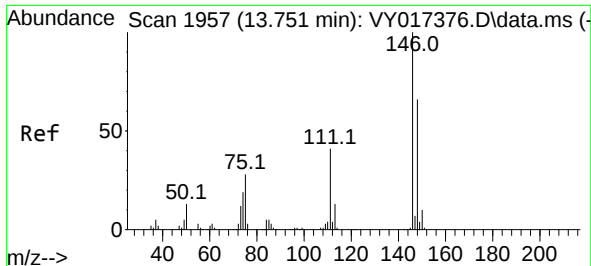
Tgt Ion: 117 Resp: 160918

Ion Ratio Lower Upper

117 100

201 79.4 42.5 127.5

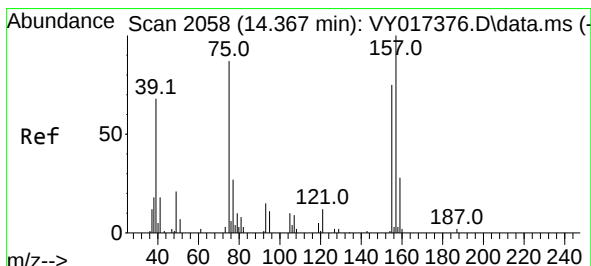
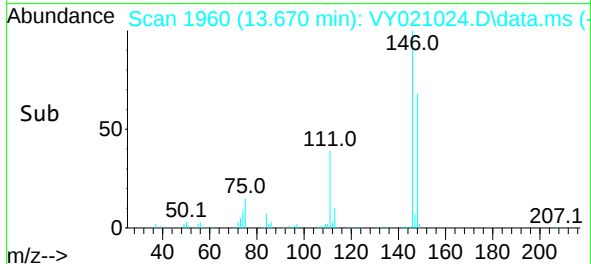
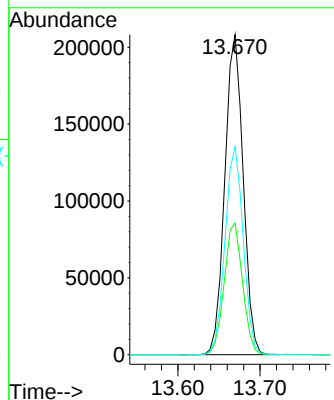
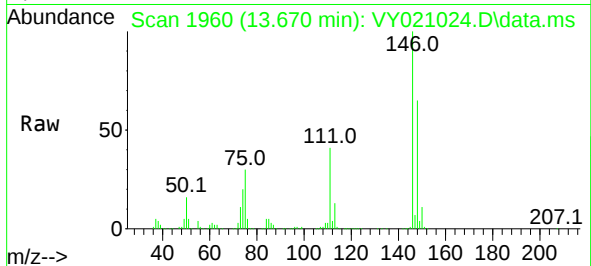




#91
 1,2-Dichlorobenzene
 Concen: 99.218 ug/l
 RT: 13.670 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VY021024.D
 Acq: 03 Feb 2025 12:21

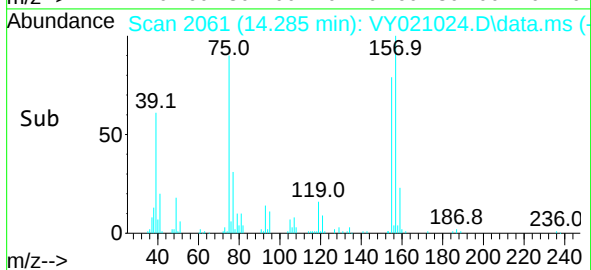
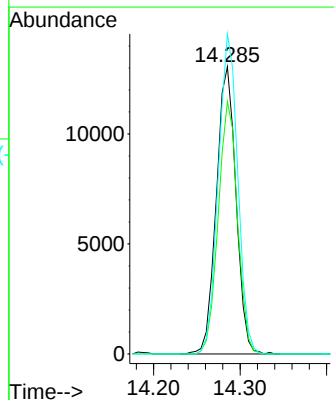
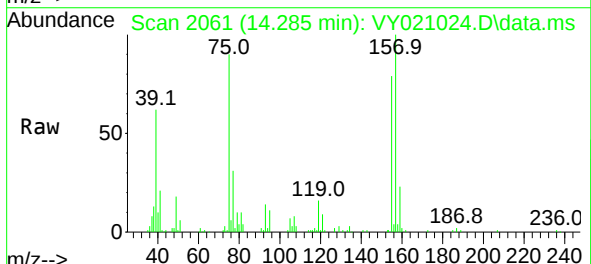
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

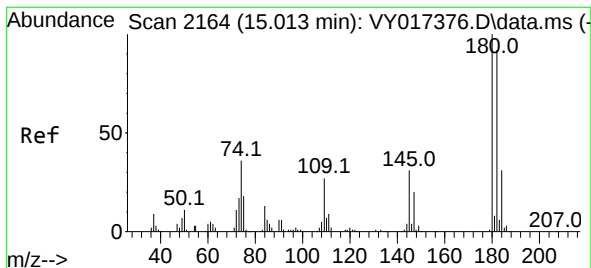
Tgt Ion:146 Resp: 323508
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.3 60.8
 148 64.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.253 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.006 min
 Lab File: VY021024.D
 Acq: 03 Feb 2025 12:21

Tgt Ion: 75 Resp: 20553
 Ion Ratio Lower Upper
 75 100
 155 86.0 45.9 137.6
 157 110.2 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 100.693 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

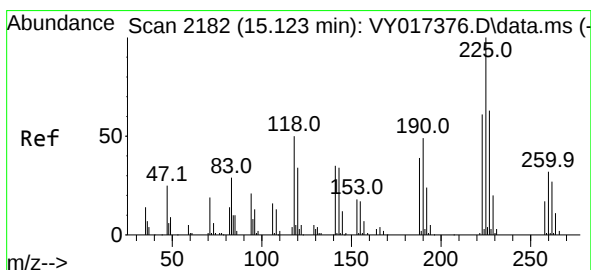
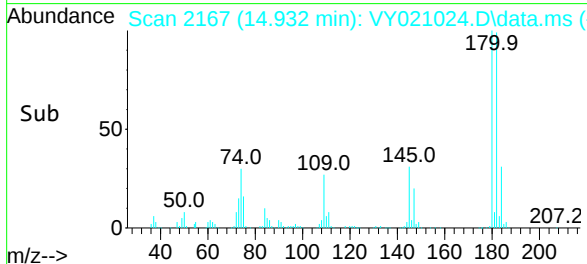
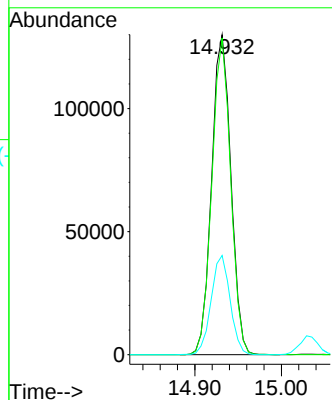
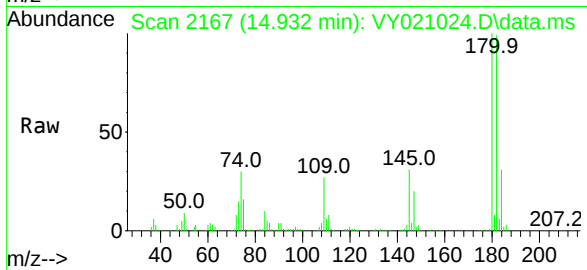
Tgt Ion:180 Resp: 201024

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

145 30.6 15.3 45.8



#94

Hexachlorobutadiene

Concen: 90.315 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

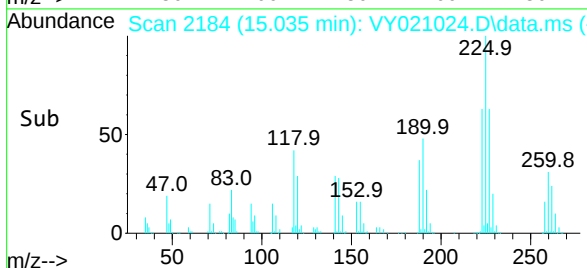
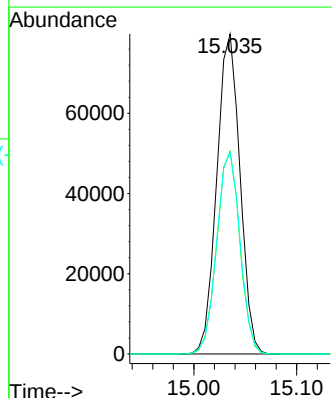
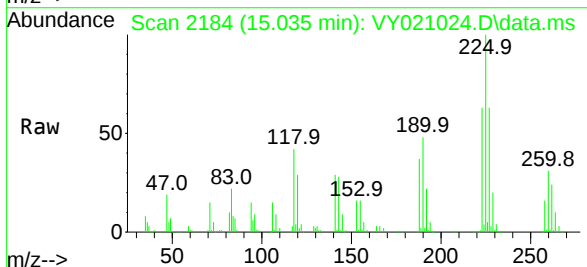
Tgt Ion:225 Resp: 124879

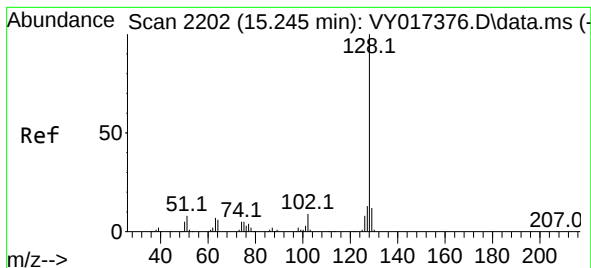
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.5 31.8 95.3





#95

Naphthalene

Concen: 103.361 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

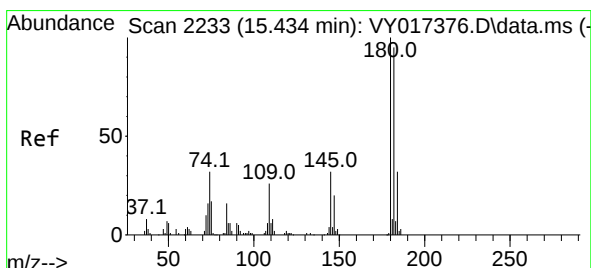
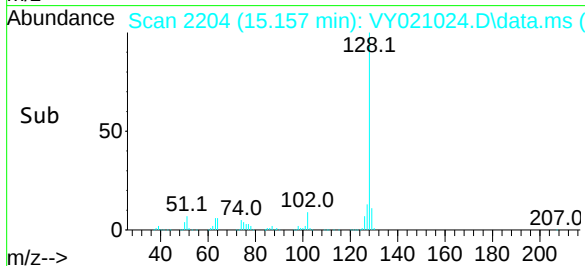
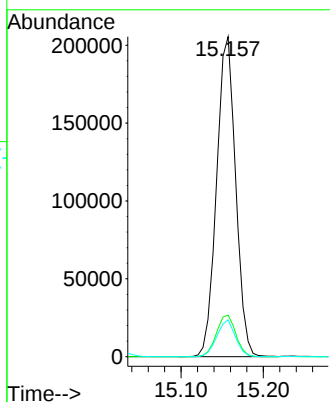
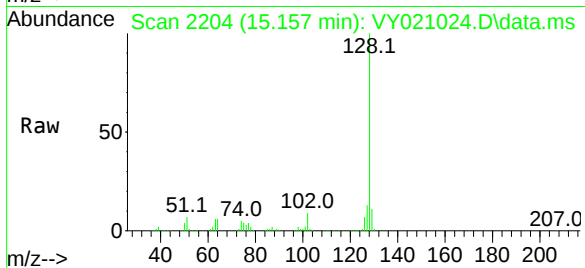
Tgt Ion:128 Resp: 331641

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 99.024 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021024.D

Acq: 03 Feb 2025 12:21

Tgt Ion:180 Resp: 167187

Ion Ratio Lower Upper

180 100

182 95.0 47.7 143.1

145 32.0 15.6 46.7

