

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017921.D
 Acq On : 12 Apr 2024 13:01
 Operator : SY/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:33:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	69539	57.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.26%
35) Dibromofluoromethane	7.716	113	71885	55.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.66%
50) Toluene-d8	10.179	98	262199	54.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.04%
62) 4-Bromofluorobenzene	12.483	95	79048	54.02	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.04%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	18634	19.98	ug/l	96
3) Chloromethane	2.113	50	30388	16.70	ug/l	95
4) Vinyl Chloride	2.247	62	49114	20.65	ug/l	98
5) Bromomethane	2.637	94	48605	25.27	ug/l	96
6) Chloroethane	2.790	64	44430	28.63	ug/l	99
7) Trichlorofluoromethane	3.113	101	46270	19.95	ug/l	99
8) Diethyl Ether	3.521	74	12660	18.58	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	25820	18.56	ug/l	97
10) Methyl Iodide	4.082	142	23513	15.54	ug/l	99
11) Tert butyl alcohol	4.948	59	11973	123.27	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	21037	16.16	ug/l	96
13) Acrolein	3.716	56	7744	91.61	ug/l	99
14) Allyl chloride	4.472	41	25096	15.71	ug/l	89
15) Acrylonitrile	5.155	53	28566	99.32	ug/l	98
16) Acetone	3.936	43	25336	101.58	ug/l	91
17) Carbon Disulfide	4.192	76	36386	9.88	ug/l	98
18) Methyl Acetate	4.466	43	11269	20.40	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	59380	19.92	ug/l	99
20) Methylene Chloride	4.710	84	31417	18.90	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	22759	16.34	ug/l	96
22) Diisopropyl ether	6.112	45	70048	18.98	ug/l	94
23) Vinyl Acetate	6.057	43	208779	92.64	ug/l	100
24) 1,1-Dichloroethane	6.009	63	46220	18.87	ug/l	98
25) 2-Butanone	6.984	43	35217	99.12	ug/l	93
26) 2,2-Dichloropropane	6.978	77	41314	19.52	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31276	19.00	ug/l	99
28) Bromochloromethane	7.332	49	19746	19.82	ug/l	95
29) Tetrahydrofuran	7.350	42	20543	96.36	ug/l	100
30) Chloroform	7.502	83	53227	20.94	ug/l	100
31) Cyclohexane	7.789	56	30295	14.25	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	42941	19.85	ug/l	96
36) 1,1-Dichloropropene	7.917	75	30540	16.26	ug/l	99
37) Ethyl Acetate	7.069	43	16605	20.48	ug/l	97
38) Carbon Tetrachloride	7.899	117	36536	18.74	ug/l	98
39) Methylcyclohexane	9.185	83	32159	13.71	ug/l	92
40) Benzene	8.161	78	103472	17.87	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	20805	45.64	ug/l #	38
42) 1,2-Dichloroethane	8.234	62	29327	20.58	ug/l	97
43) Isopropyl Acetate	8.271	43	28773	19.56	ug/l	98
44) Trichloroethene	8.941	130	27196	18.06	ug/l	97
45) 1,2-Dichloropropane	9.215	63	25481	18.94	ug/l	97
46) Dibromomethane	9.307	93	15364	20.10	ug/l	98
47) Bromodichloromethane	9.496	83	40168	20.80	ug/l	99
48) Methyl methacrylate	9.295	41	12066	21.29	ug/l #	93
49) 1,4-Dioxane	9.295	88	3516	409.80	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	81324	120.21	ug/l	98
52) Toluene	10.246	92	65384	18.62	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	32887	19.18	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39435	18.84	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	22112	21.71	ug/l	97
56) Ethyl methacrylate	10.514	69	24658	21.90	ug/l #	93
57) 1,3-Dichloropropane	10.788	76	34504	20.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	71756	122.57	ug/l	99
59) 2-Hexanone	10.831	43	54740	116.17	ug/l	96
60) Dibromochloromethane	10.990	129	26853	20.91	ug/l	100
61) 1,2-Dibromoethane	11.093	107	18597	20.03	ug/l	99
64) Tetrachloroethene	10.721	164	31848	18.37	ug/l	99
65) Chlorobenzene	11.520	112	76068	18.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	26699	19.28	ug/l	99
67) Ethyl Benzene	11.593	91	122945	17.54	ug/l	98
68) m/p-Xylenes	11.703	106	94938	35.71	ug/l	100
69) o-Xylene	12.032	106	43485	21.05	ug/l	96
70) Styrene	12.044	104	76218	21.68	ug/l	99
71) Bromoform	12.215	173	15333	19.98	ug/l #	97
73) Isopropylbenzene	12.337	105	117379	17.68	ug/l	99
74) N-amyl acetate	12.148	43	23583	20.87	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	22975	20.01	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29090	33.70	ug/l #	100
77) Bromobenzene	12.611	156	29448	18.63	ug/l	99
78) n-propylbenzene	12.672	91	145809	18.00	ug/l	100
79) 2-Chlorotoluene	12.758	91	81880	18.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	95496	18.43	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7703	22.73	ug/l	96
82) 4-Chlorotoluene	12.855	91	81912	17.83	ug/l	97
83) tert-Butylbenzene	13.081	119	86918	18.45	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	94412	18.30	ug/l	99
85) sec-Butylbenzene	13.257	105	133709	18.91	ug/l	98
86) p-Isopropyltoluene	13.373	119	106111	17.96	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	59016	18.81	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	58075	19.34	ug/l	100
89) n-Butylbenzene	13.702	91	99665	18.33	ug/l	97
90) Hexachloroethane	13.965	117	22335	19.01	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	50910	19.58	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3050	19.66	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	51114	35.89	ug/l	99
94) Hexachlorobutadiene	15.117	225	29072	33.67	ug/l	98
95) Naphthalene	15.239	128	63998	30.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29228	24.29	ug/l	98

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ClientSampleId :

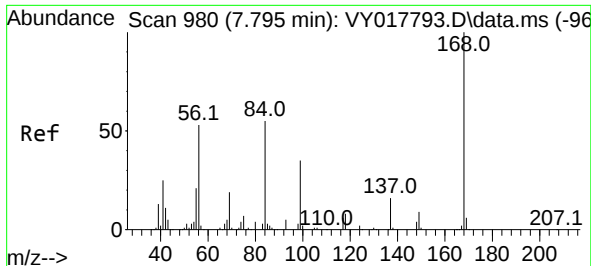
Quant Time: Apr 13 00:33:39 2024
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QLast Update : Sat Mar 30 05:58:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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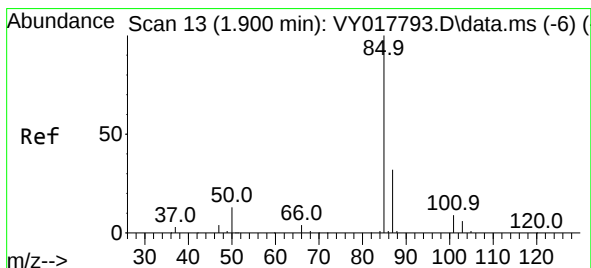
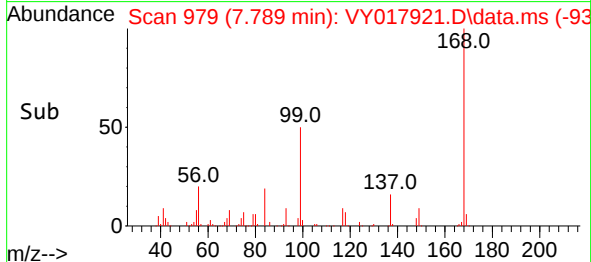
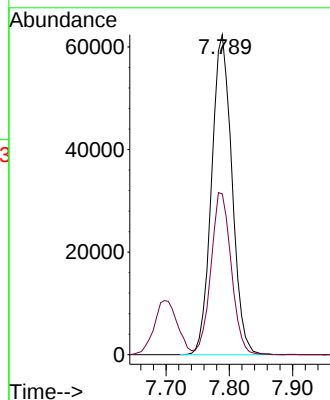
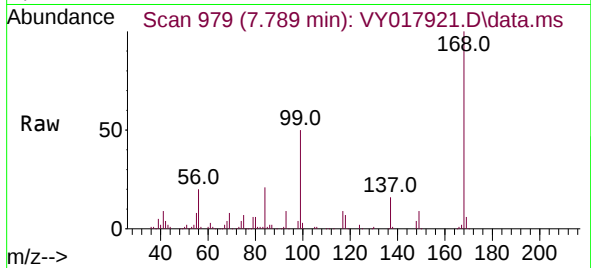




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

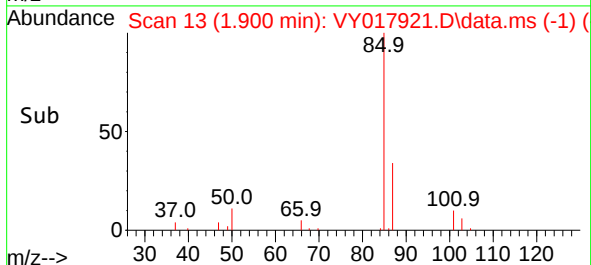
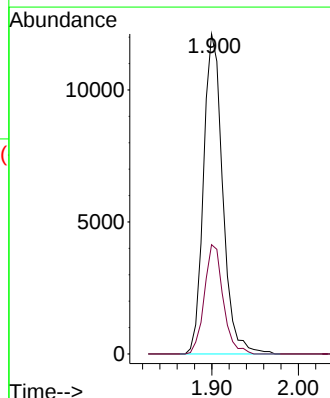
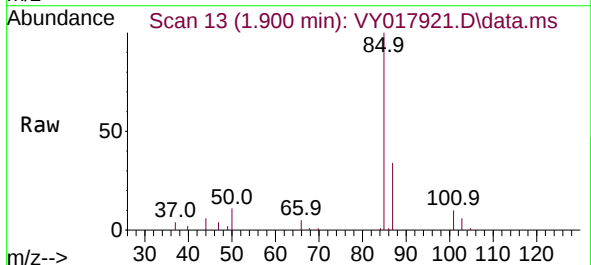
Instrument :
MSVOA_Y
ClientSampleId :

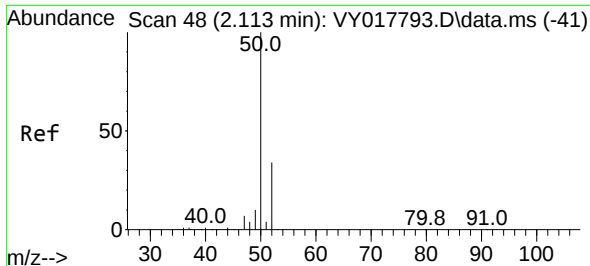
Tgt Ion:168 Resp: 139437
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.98 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 85 Resp: 18634
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0

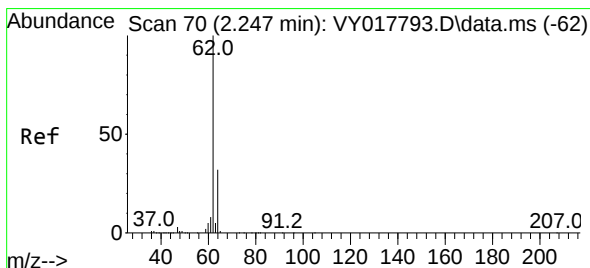
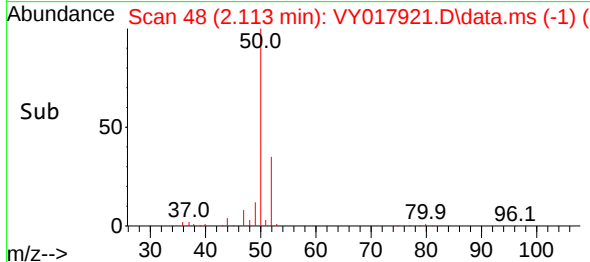
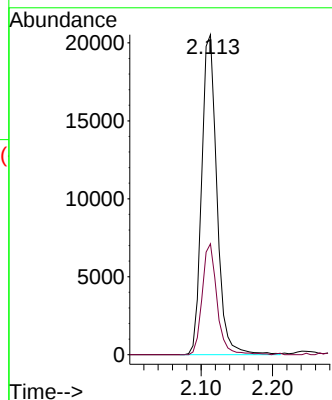
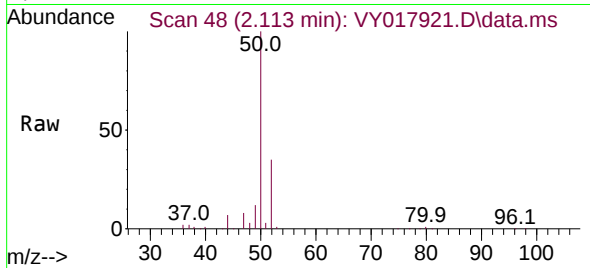




#3
Chloromethane
Concen: 16.70 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

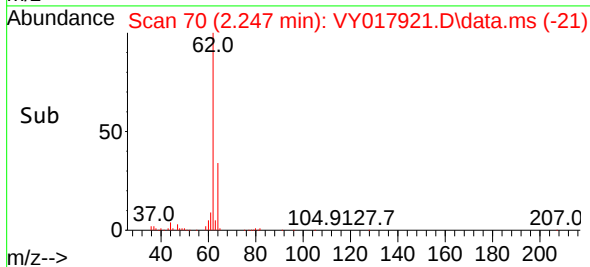
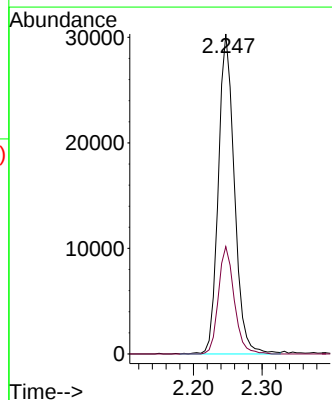
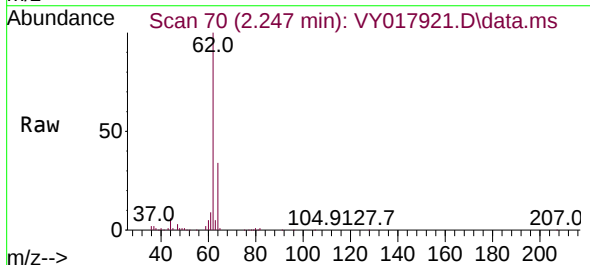
Instrument :
MSVOA_Y
ClientSampleId :

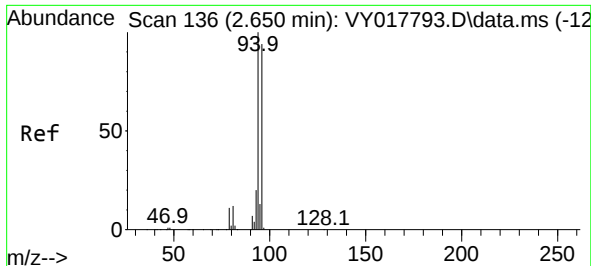
Tgt Ion: 50 Resp: 30388
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 20.65 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 62 Resp: 49114
Ion Ratio Lower Upper
62 100
64 33.6 26.1 39.1

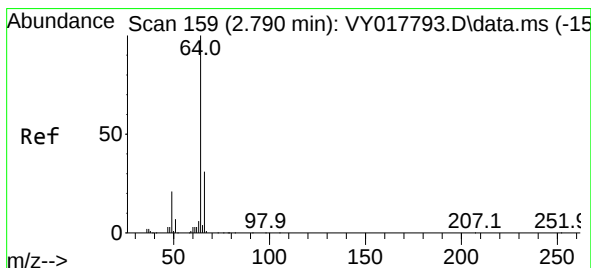
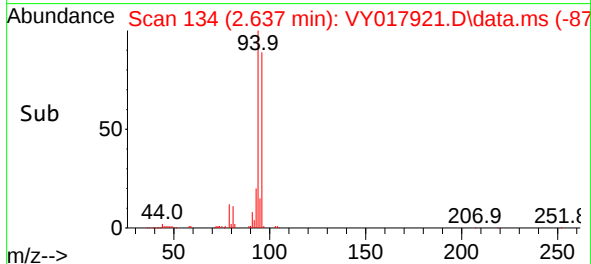
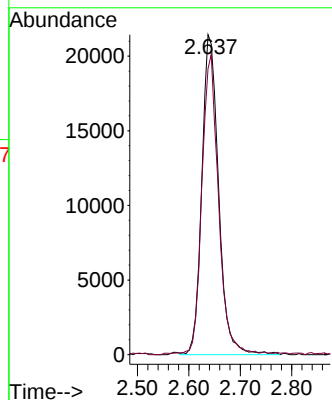
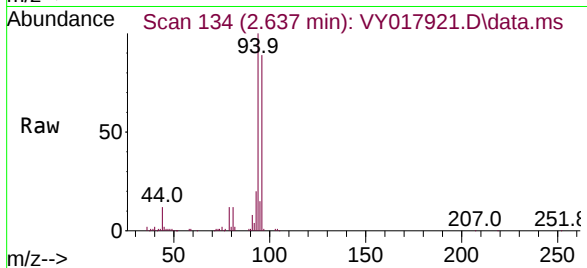




#5
Bromomethane
Concen: 25.27 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

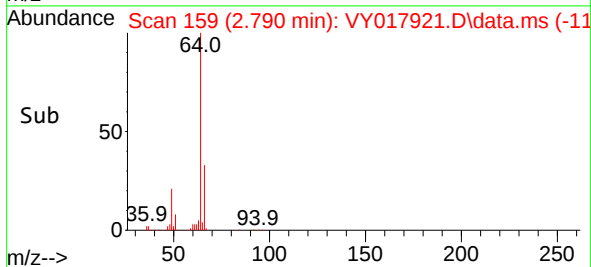
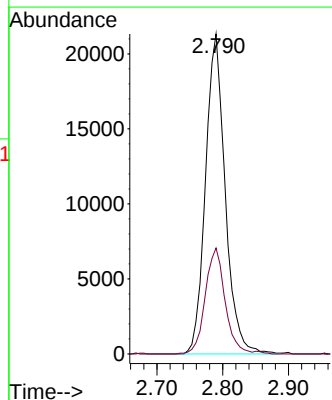
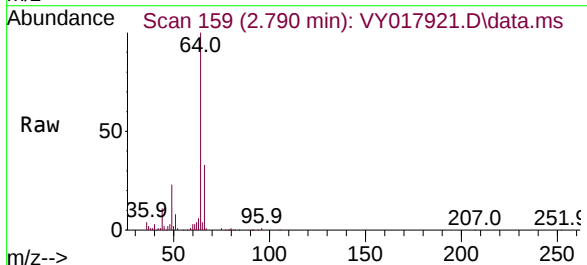
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ClientSampleId :

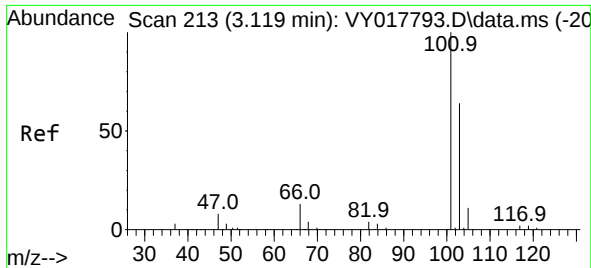
Tgt Ion: 94 Resp: 48605
Ion Ratio Lower Upper
94 100
96 89.0 74.1 111.1



#6
Chloroethane
Concen: 28.63 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 64 Resp: 44430
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

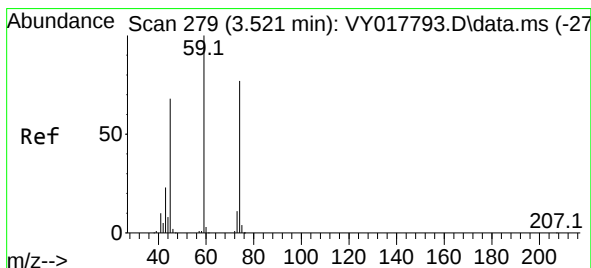
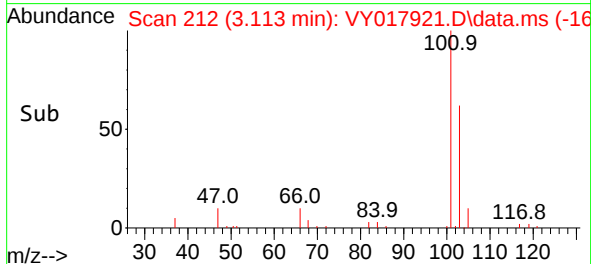
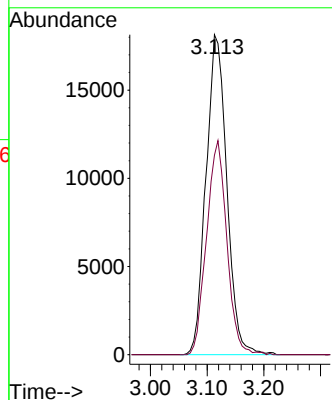
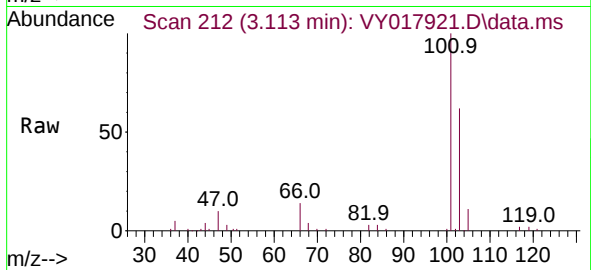




#7
Trichlorofluoromethane
Concen: 19.95 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

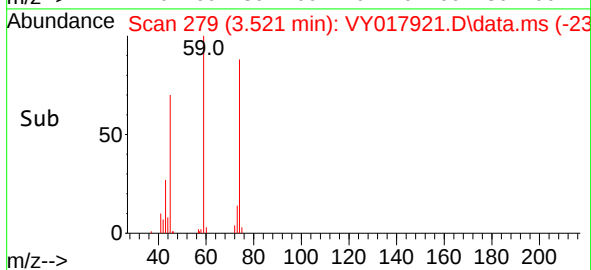
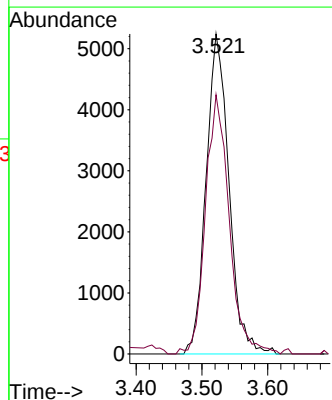
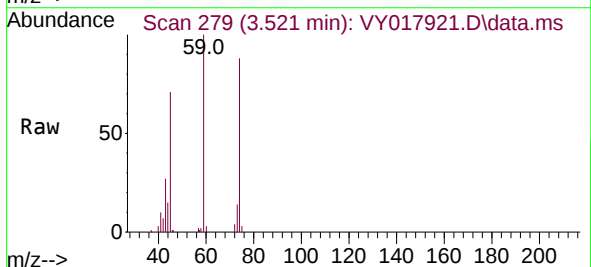
Instrument :
MSVOA_Y
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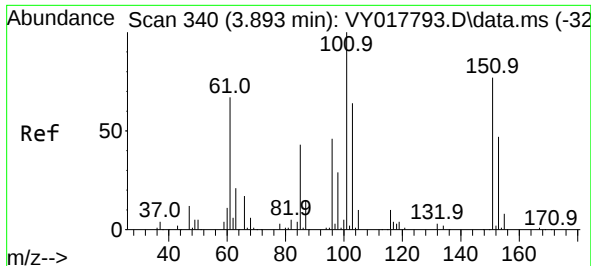
Tgt Ion:101 Resp: 46270
Ion Ratio Lower Upper
101 100
103 62.3 49.3 73.9



#8
Diethyl Ether
Concen: 18.58 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 74 Resp: 12660
Ion Ratio Lower Upper
74 100
45 84.2 41.3 124.1

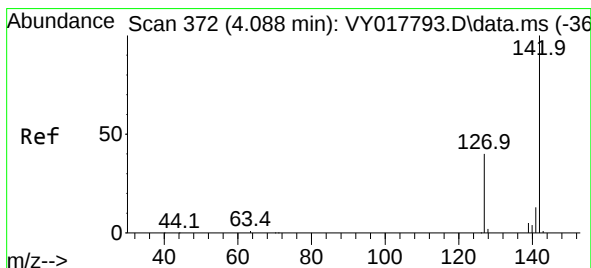
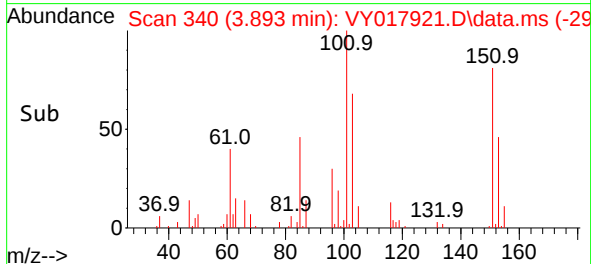
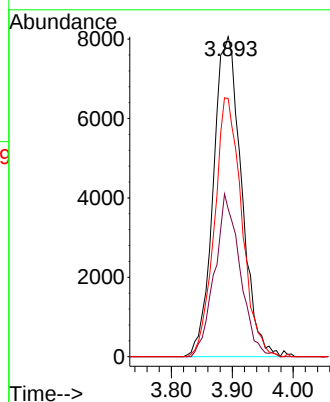
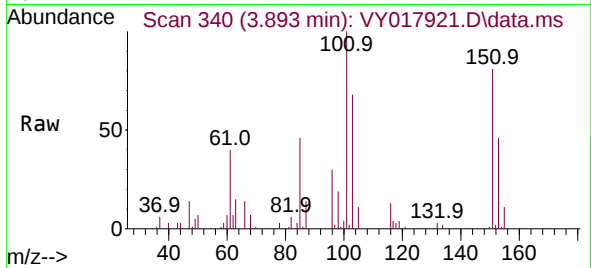




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.56 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

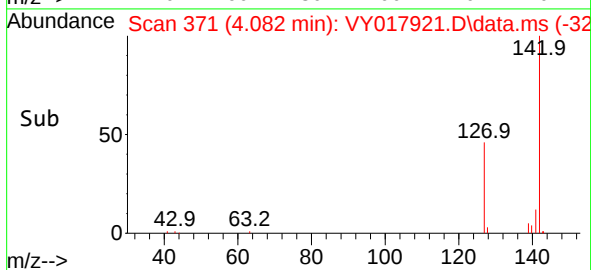
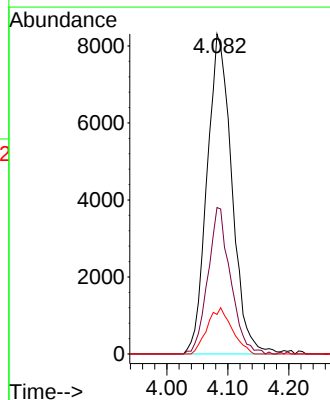
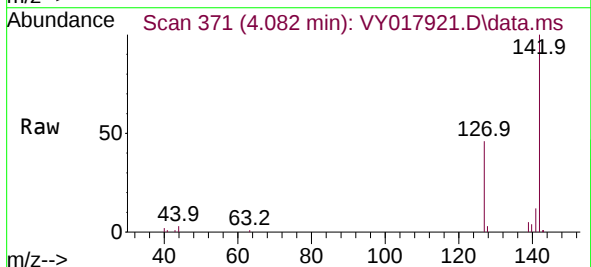
Instrument :
MSVOA_Y
ClientSampleId :

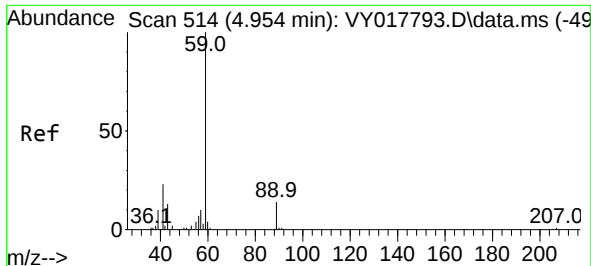
Tgt Ion:101 Resp: 25820
Ion Ratio Lower Upper
101 100
85 46.3 34.5 51.7
151 78.5 61.7 92.5



#10
Methyl Iodide
Concen: 15.54 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

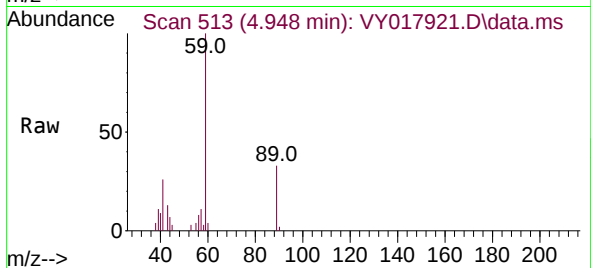
Tgt Ion:142 Resp: 23513
Ion Ratio Lower Upper
142 100
127 41.8 32.8 49.2
141 14.5 11.4 17.2



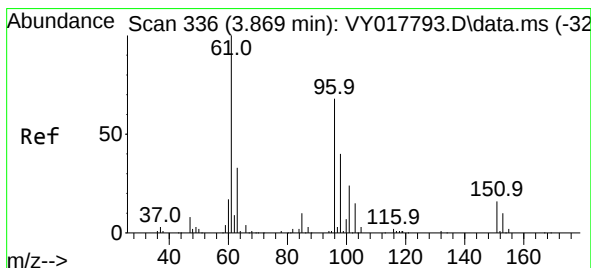
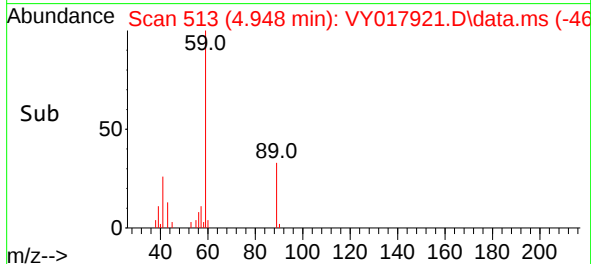
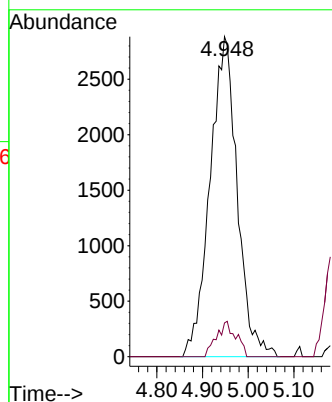


#11
Tert butyl alcohol
Concen: 123.27 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

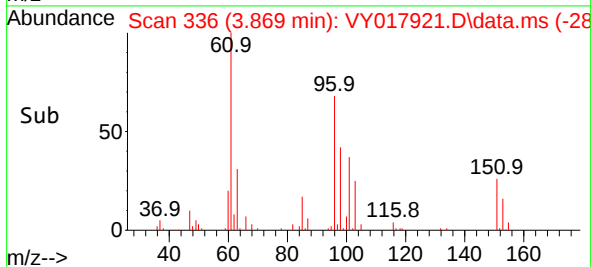
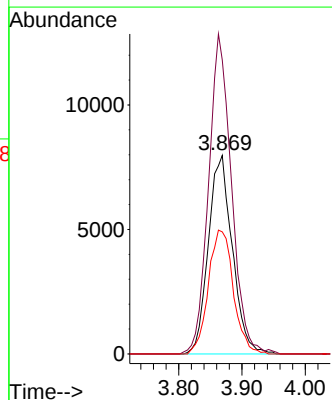
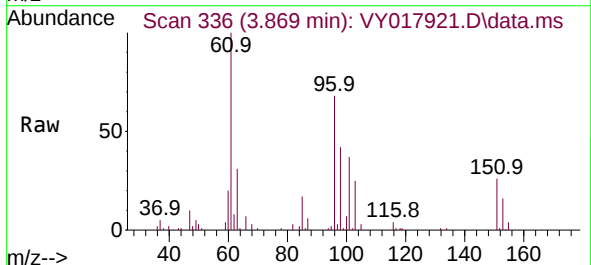


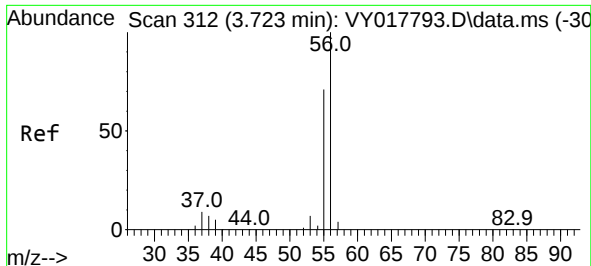
Tgt Ion: 59 Resp: 11973
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 16.16 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 96 Resp: 21037
Ion Ratio Lower Upper
96 100
61 148.1 114.6 171.8
98 61.5 50.8 76.2





#13

Acrolein

Concen: 91.61 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

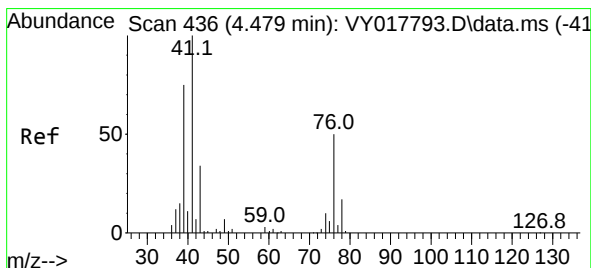
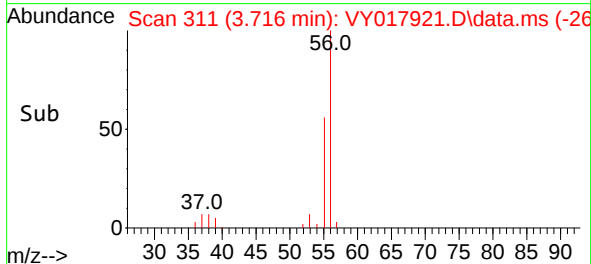
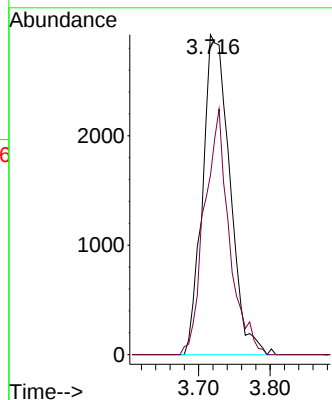
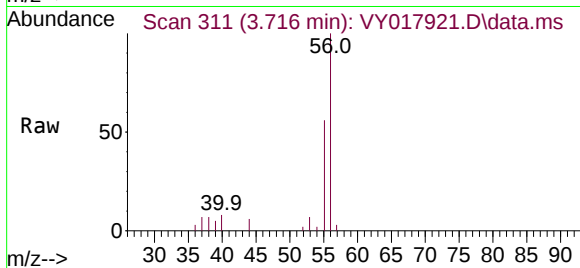
ClientSampleId :

Tgt Ion: 56 Resp: 7744

Ion Ratio Lower Upper

56 100

55 70.1 55.7 83.5



#14

Allyl chloride

Concen: 15.71 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

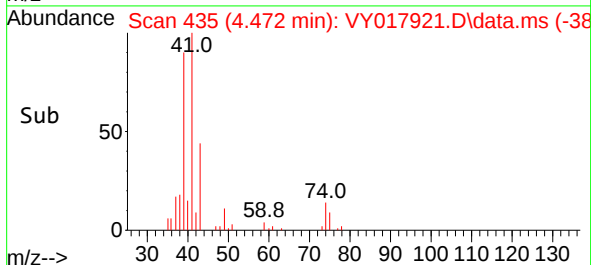
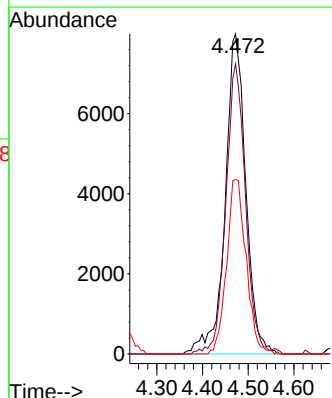
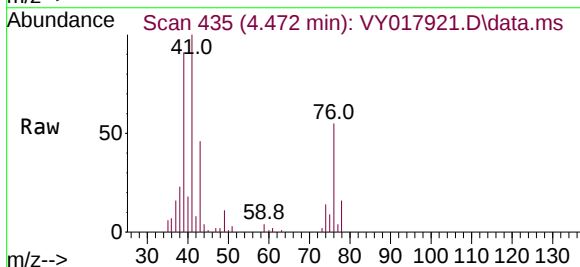
Tgt Ion: 41 Resp: 25096

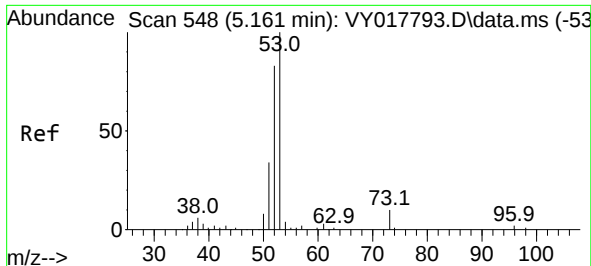
Ion Ratio Lower Upper

41 100

39 86.1 58.3 87.5

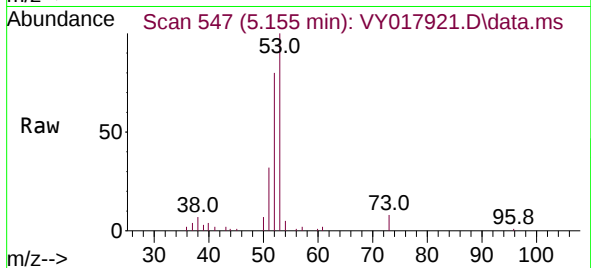
76 51.6 39.0 58.6



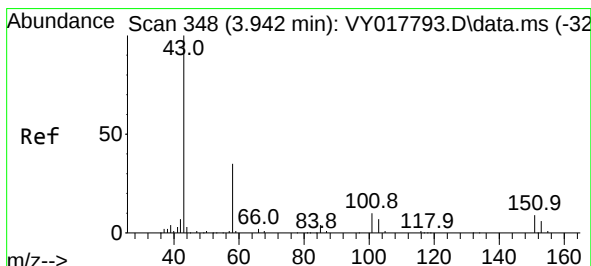
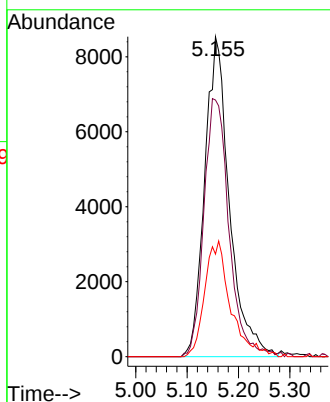
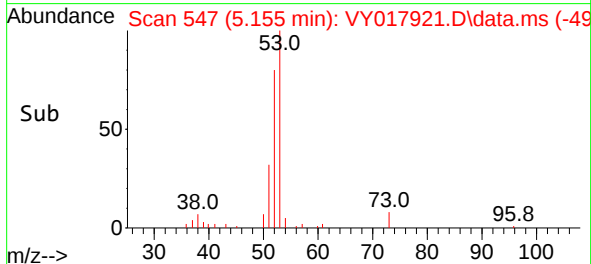


#15
Acrylonitrile
Concen: 99.32 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

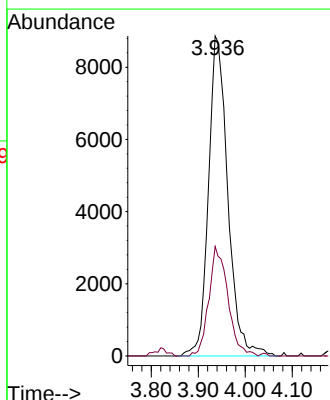
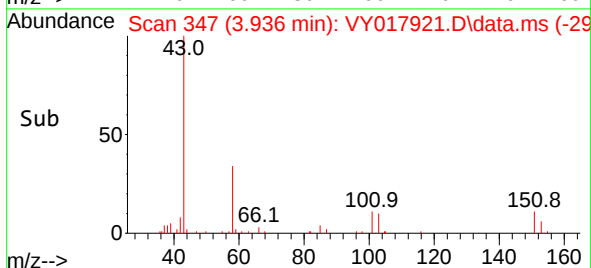
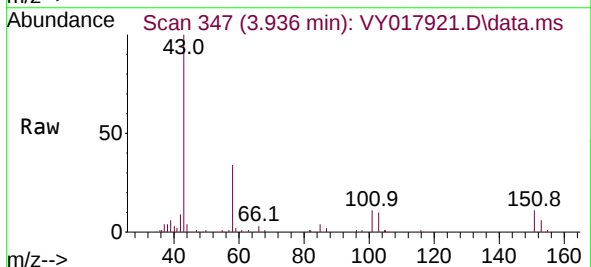


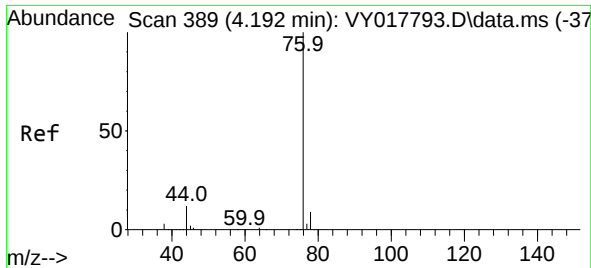
Tgt Ion: 53 Resp: 28566
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 37.7 28.4 42.6



#16
Acetone
Concen: 101.58 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

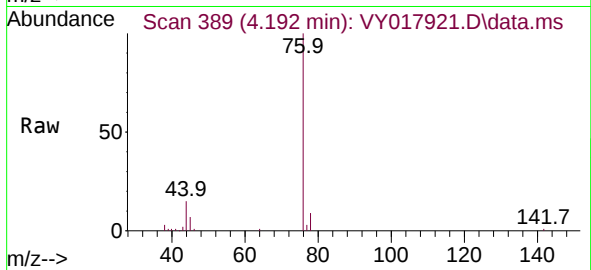
Tgt Ion: 43 Resp: 25336
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5



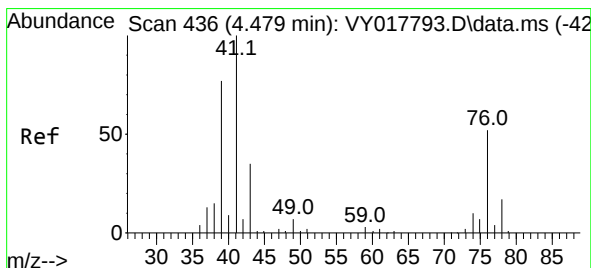
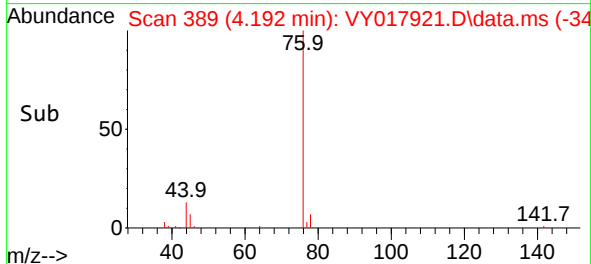
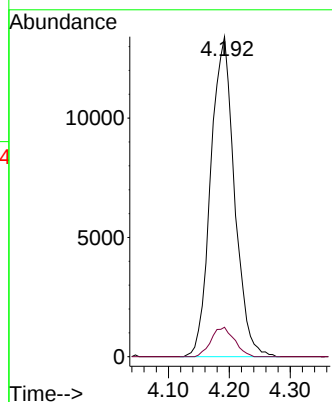


#17
Carbon Disulfide
Concen: 9.88 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

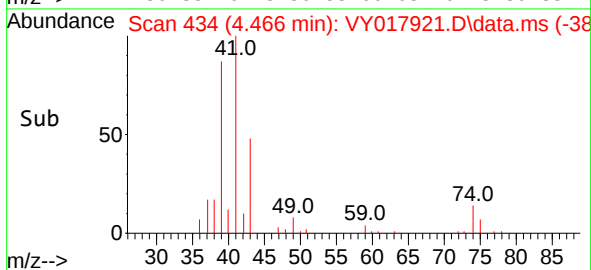
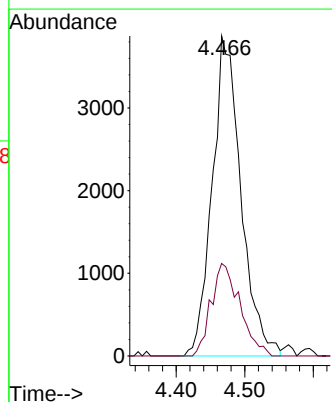
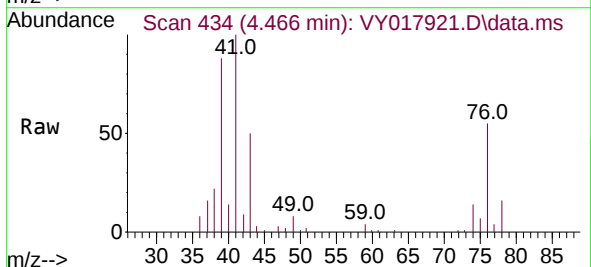


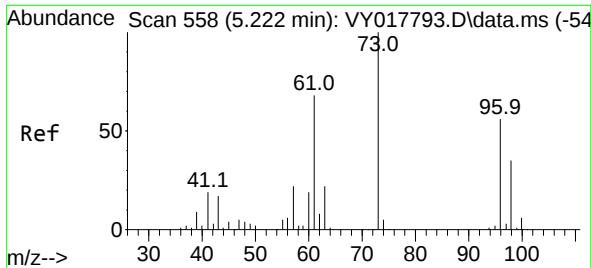
Tgt Ion: 76 Resp: 36386
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.40 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 43 Resp: 11269
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.92 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

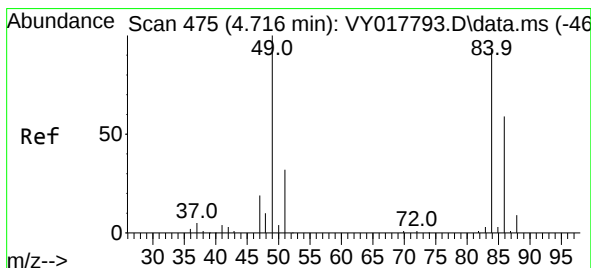
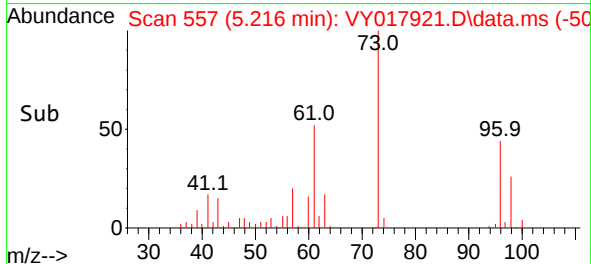
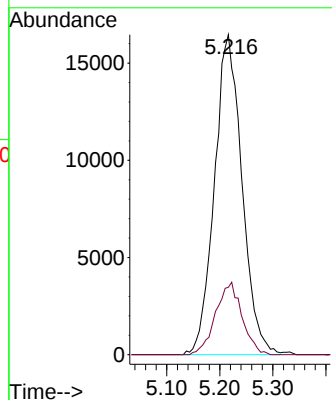
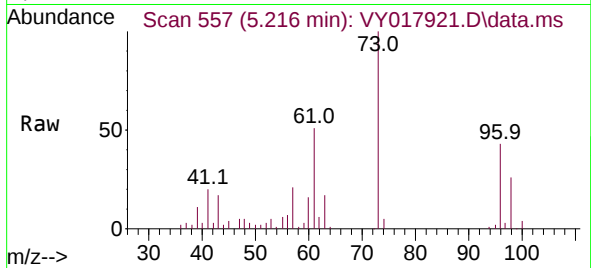
ClientSampleId :

Tgt Ion: 73 Resp: 59380

Ion Ratio Lower Upper

73 100

57 21.1 17.3 25.9



#20

Methylene Chloride

Concen: 18.90 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion: 84 Resp: 31417

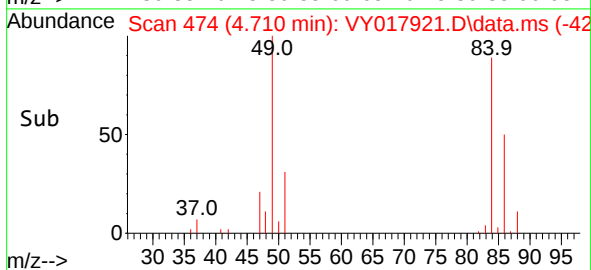
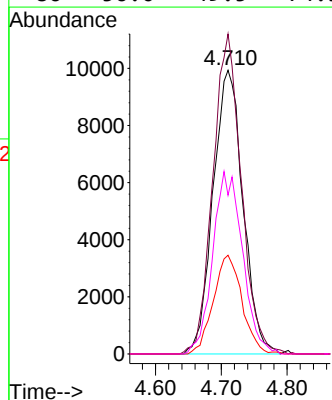
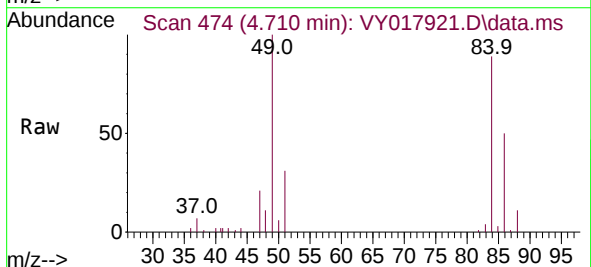
Ion Ratio Lower Upper

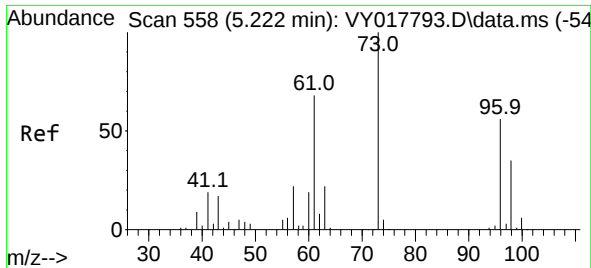
84 100

49 112.8 84.4 126.6

51 34.8 26.0 39.0

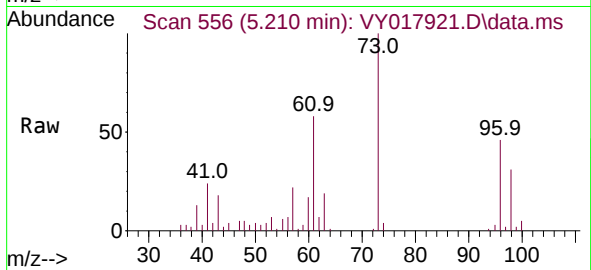
86 56.0 49.5 74.3



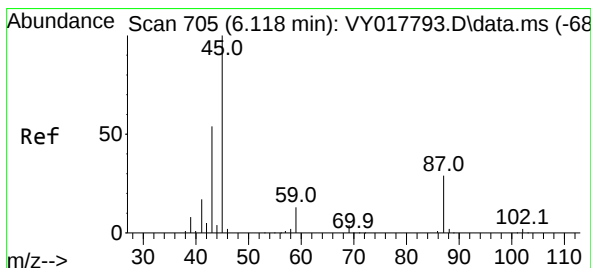
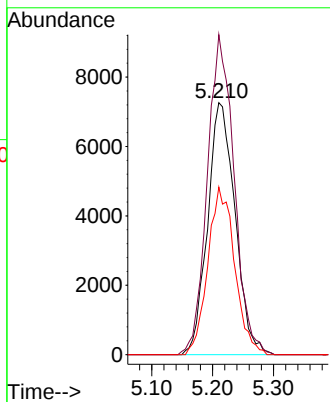
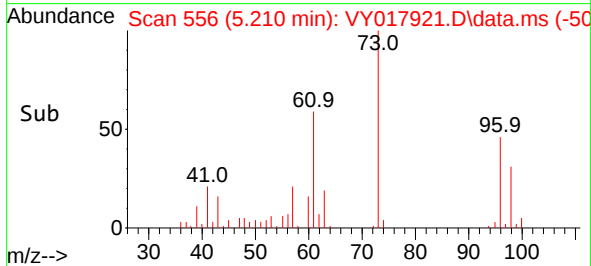


#21
trans-1,2-Dichloroethene
Concen: 16.34 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

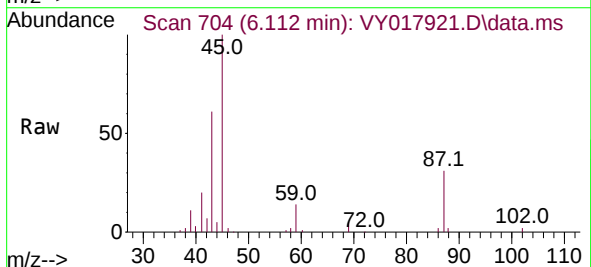
Instrument :
MSVOA_Y
ClientSampleId :



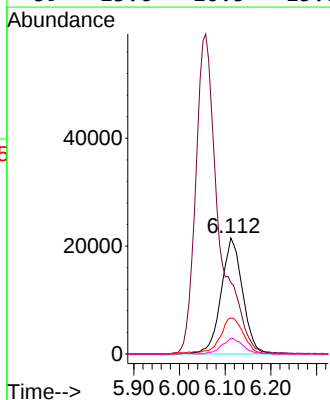
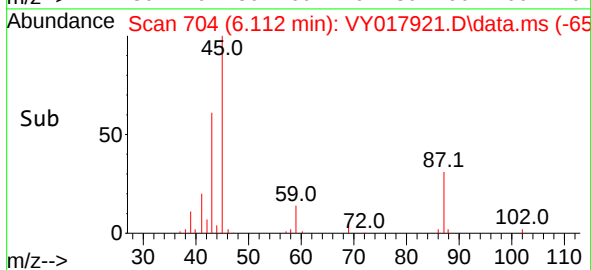
Tgt Ion: 96 Resp: 22759
Ion Ratio Lower Upper
96 100
61 127.0 97.5 146.3
98 66.5 50.5 75.7

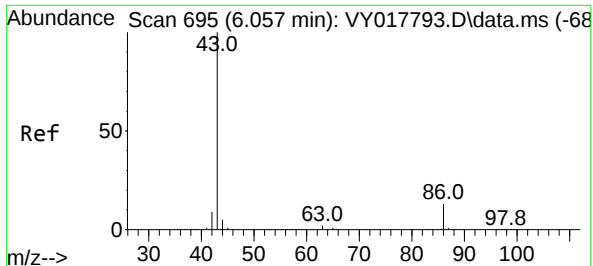


#22
Diisopropyl ether
Concen: 18.98 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01



Tgt Ion: 45 Resp: 70048
Ion Ratio Lower Upper
45 100
43 60.5 42.2 63.2
87 31.1 25.0 37.6
59 13.6 10.5 15.7

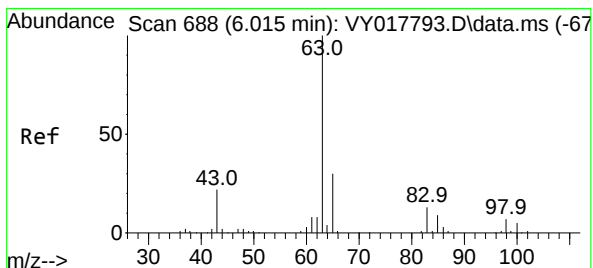
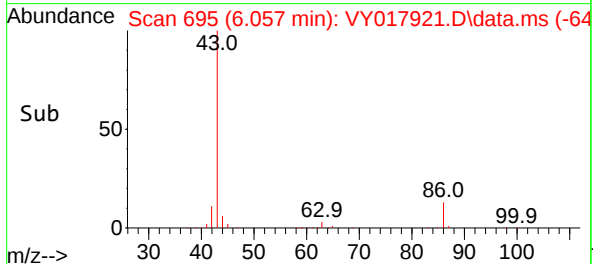
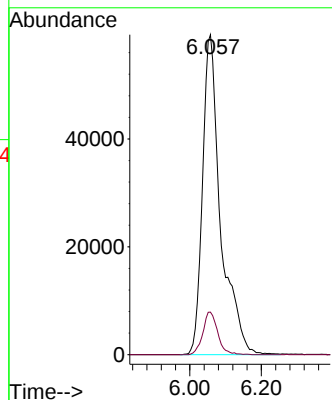
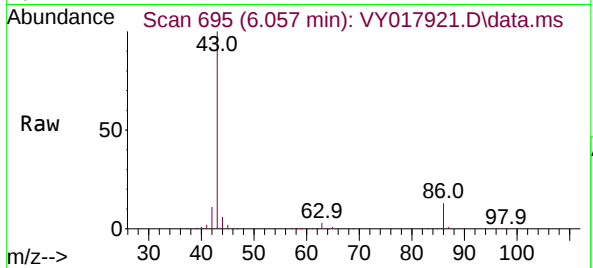




#23
 Vinyl Acetate
 Concen: 92.64 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017921.D
 Acq: 12 Apr 2024 13:01

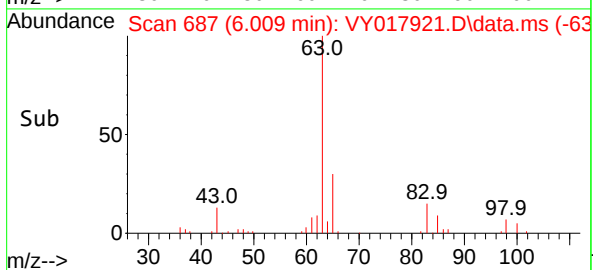
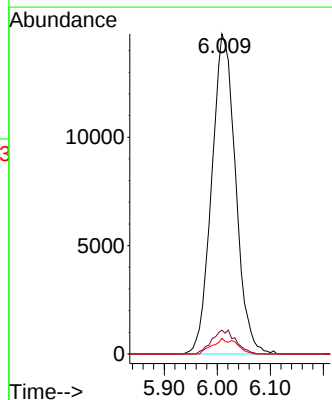
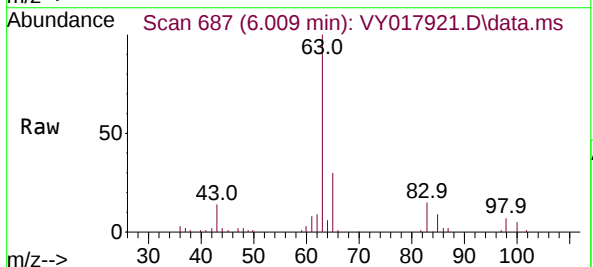
Instrument :
 MSVOA_Y
 ClientSampleId :

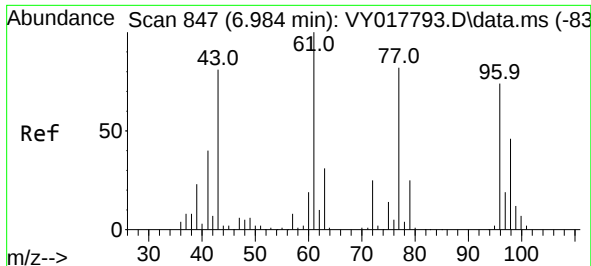
Tgt Ion: 43 Resp: 208779
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.87 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017921.D
 Acq: 12 Apr 2024 13:01

Tgt Ion: 63 Resp: 46220
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 99.12 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

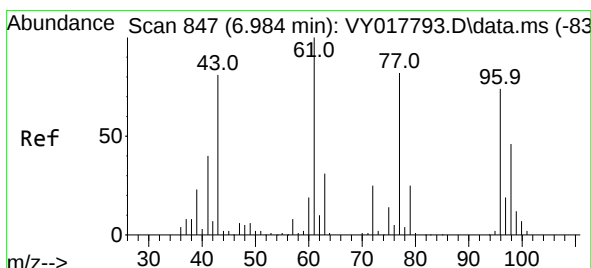
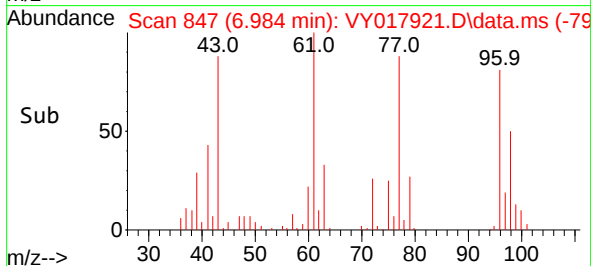
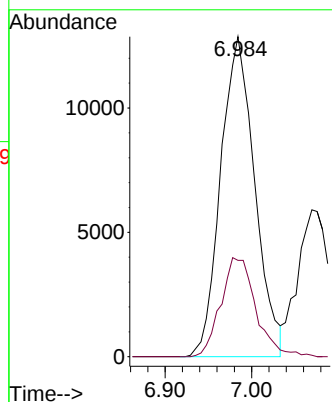
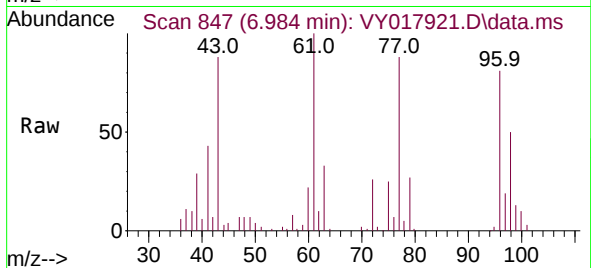
ClientSampleId :

Tgt Ion: 43 Resp: 35217

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.52 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017921.D

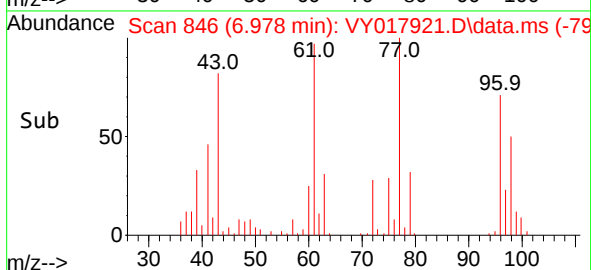
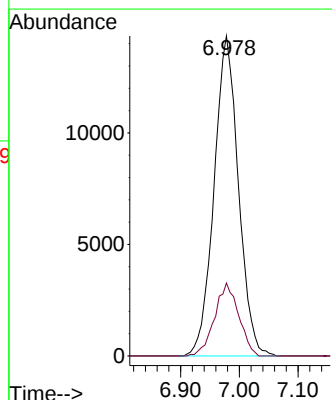
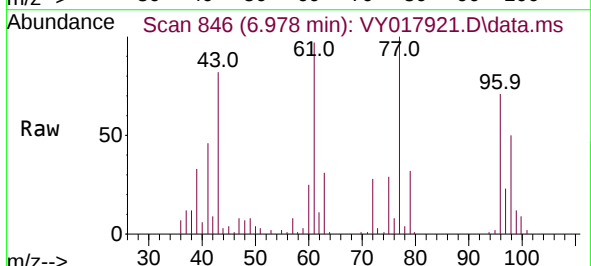
Acq: 12 Apr 2024 13:01

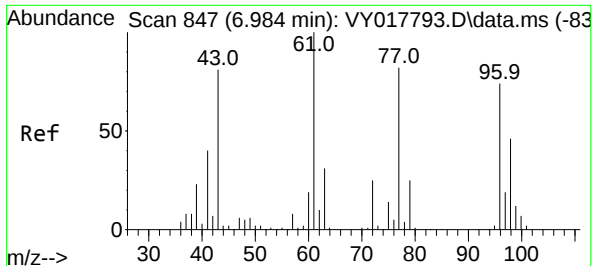
Tgt Ion: 77 Resp: 41314

Ion Ratio Lower Upper

77 100

97 22.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.00 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

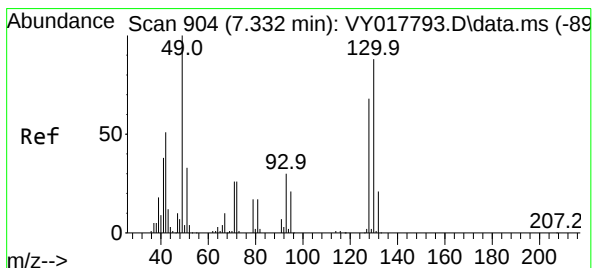
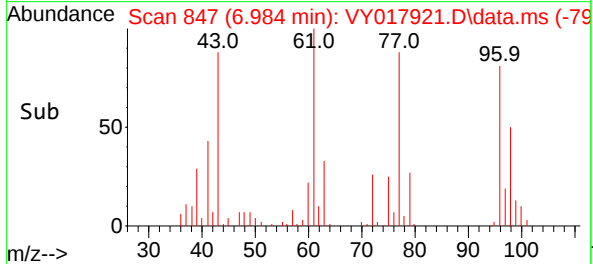
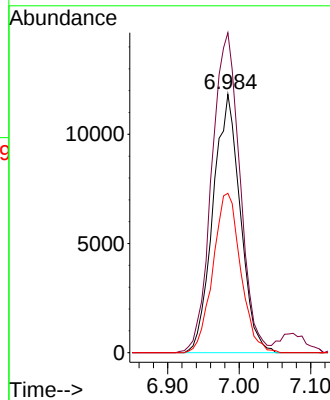
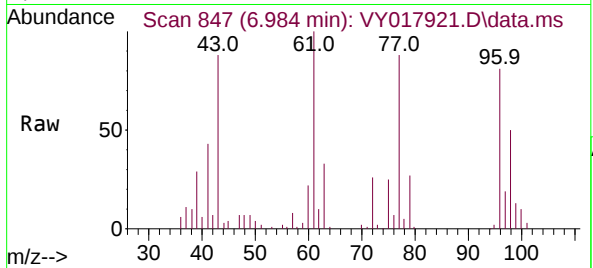
Tgt Ion: 96 Resp: 31276

Ion Ratio Lower Upper

96 100

61 128.5 0.0 256.2

98 62.9 0.0 130.0



#28

Bromochloromethane

Concen: 19.82 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

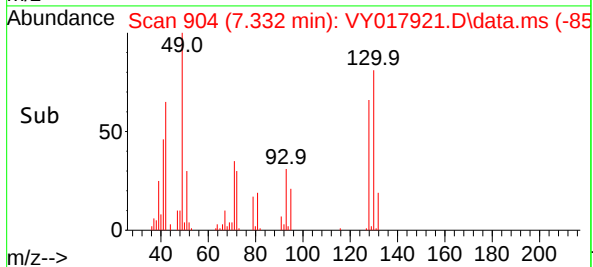
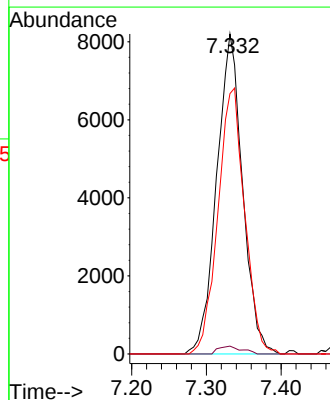
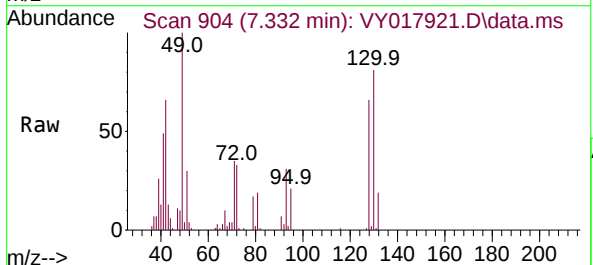
Tgt Ion: 49 Resp: 19746

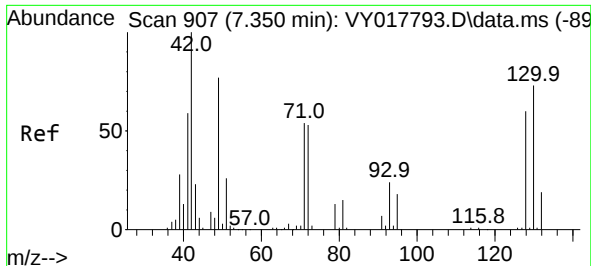
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 85.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 96.36 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

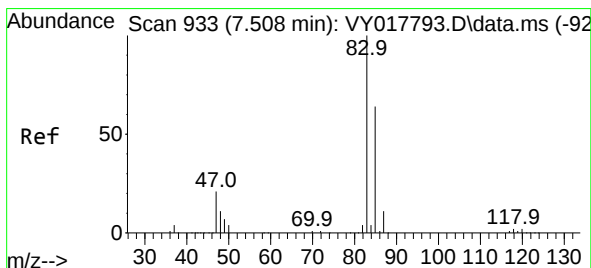
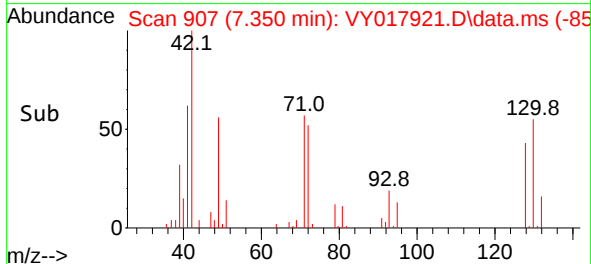
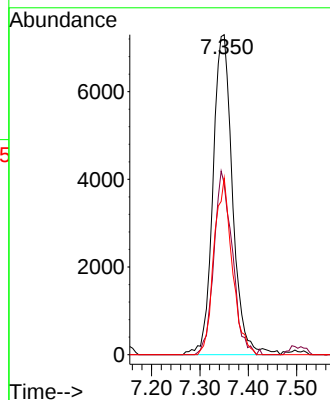
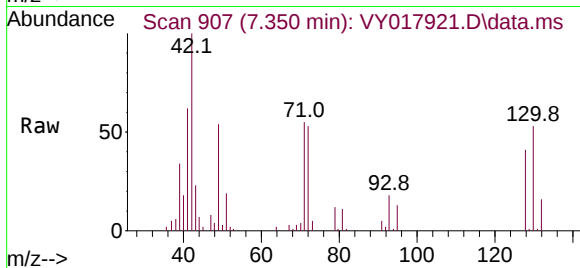
Tgt Ion: 42 Resp: 20543

Ion Ratio Lower Upper

42 100

72 53.8 43.0 64.4

71 51.2 40.8 61.2



#30

Chloroform

Concen: 20.94 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017921.D

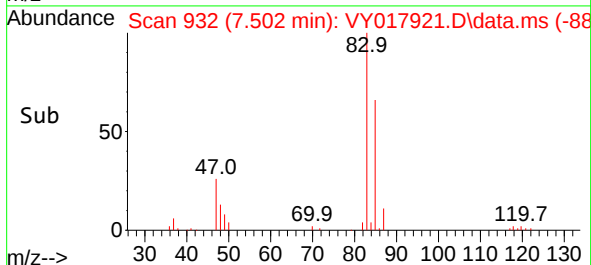
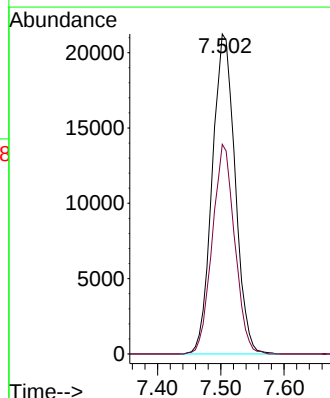
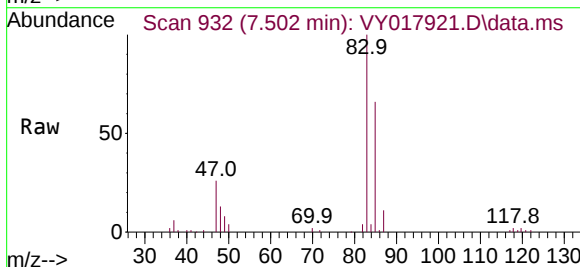
Acq: 12 Apr 2024 13:01

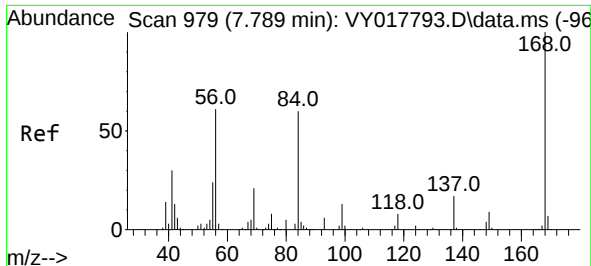
Tgt Ion: 83 Resp: 53227

Ion Ratio Lower Upper

83 100

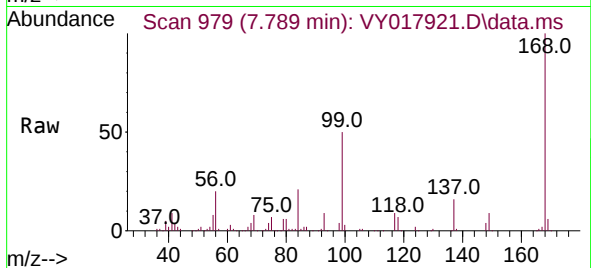
85 65.5 52.2 78.4



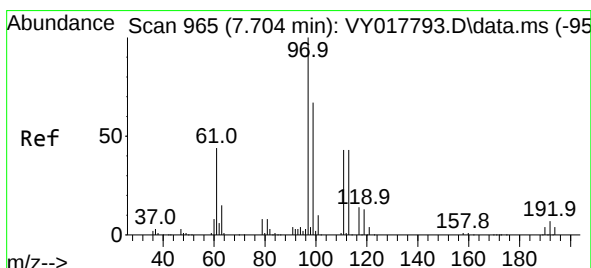
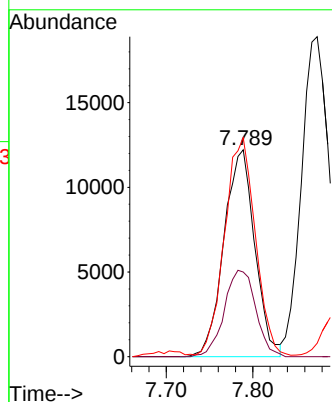
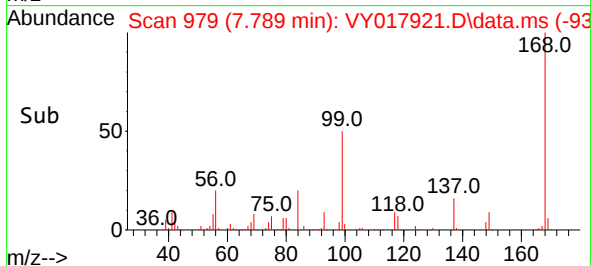


#31
Cyclohexane
Concen: 14.25 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

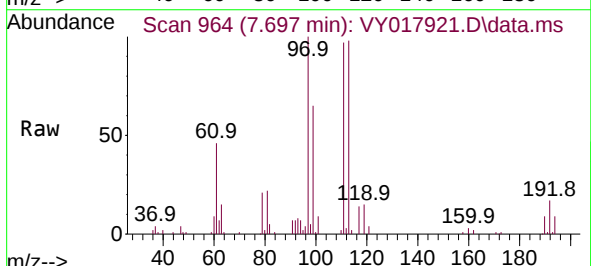
Instrument :
MSVOA_Y
ClientSampleId :



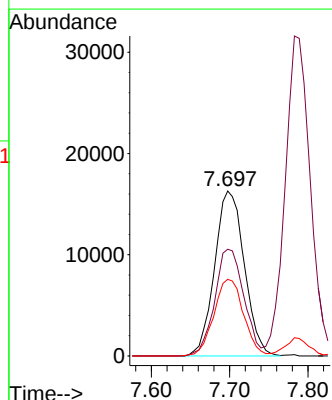
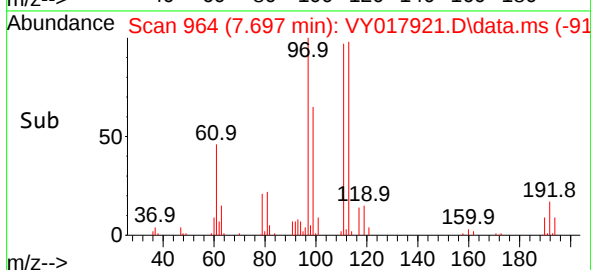
Tgt Ion: 56 Resp: 30295
Ion Ratio Lower Upper
56 100
69 40.9 28.7 43.1
84 103.6 77.7 116.5

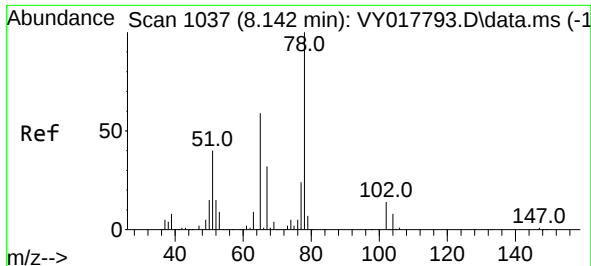


#32
1,1,1-Trichloroethane
Concen: 19.85 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01



Tgt Ion: 97 Resp: 42941
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 46.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.63 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

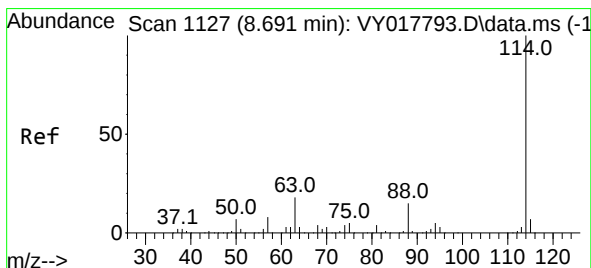
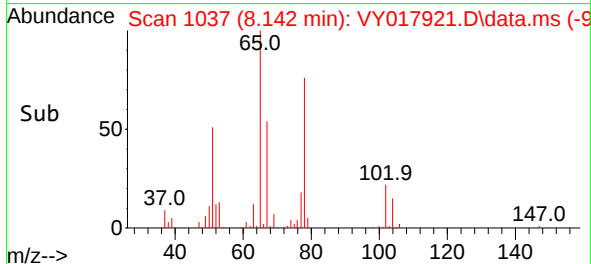
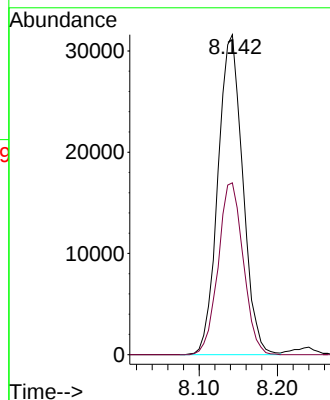
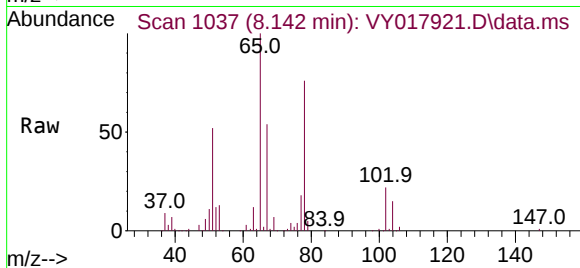
ClientSampleId :

Tgt Ion: 65 Resp: 69539

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

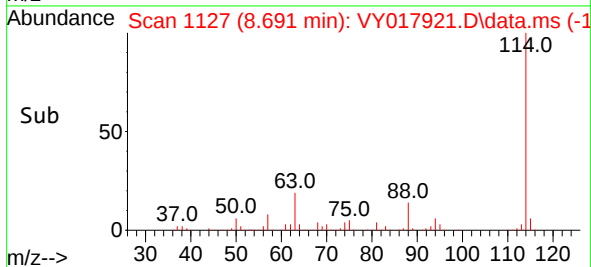
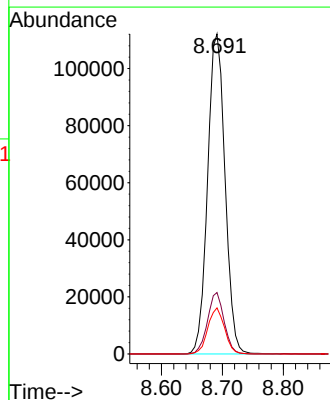
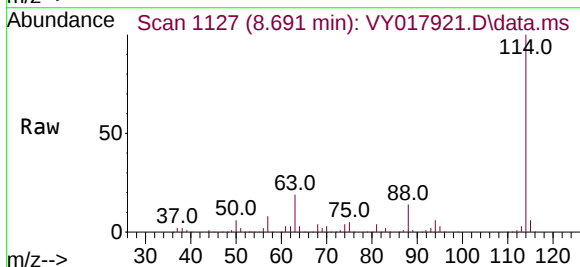
Tgt Ion: 114 Resp: 222804

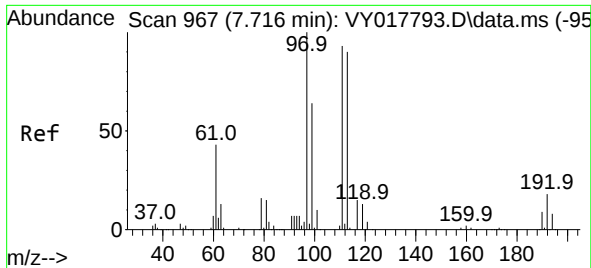
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

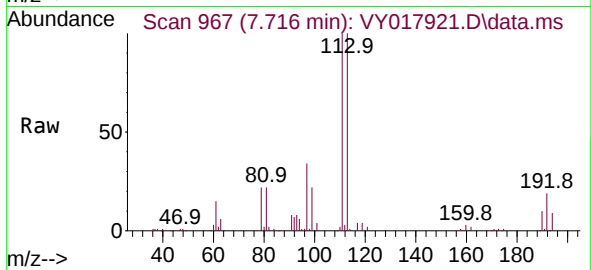
88 14.4 0.0 27.2



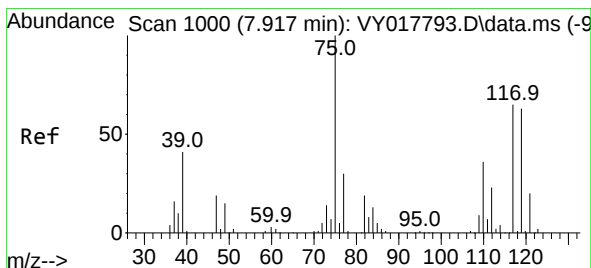
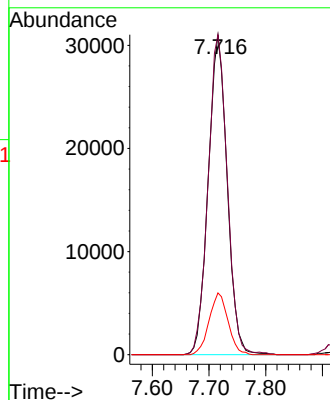
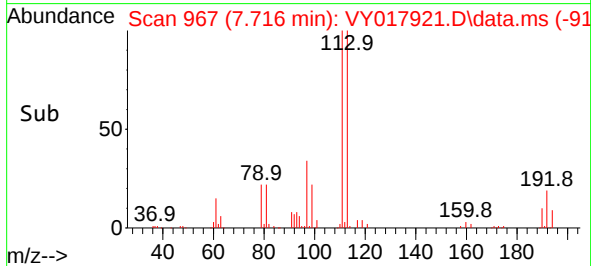


#35
Dibromofluoromethane
Concen: 55.83 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

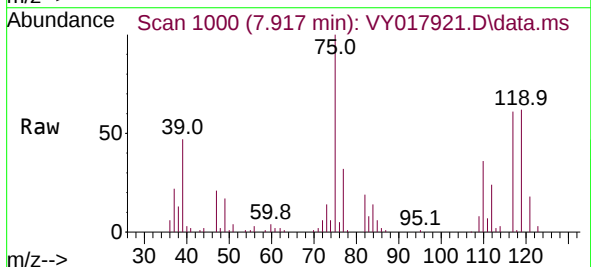
Instrument :
MSVOA_Y
ClientSampleId :



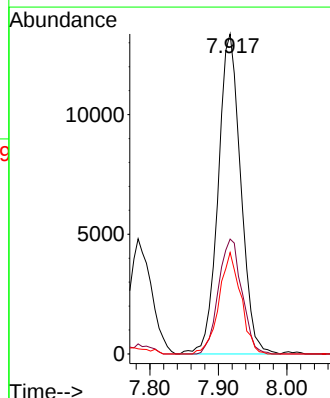
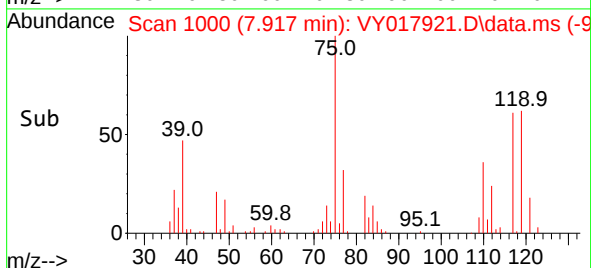
Tgt Ion:113 Resp: 71885
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.3 15.9 23.9

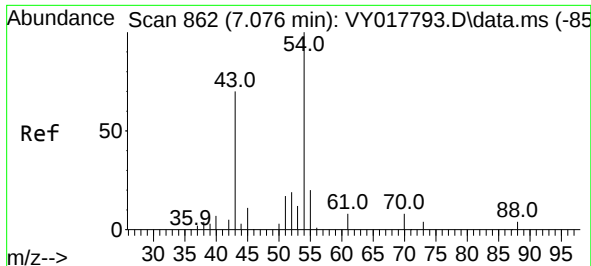


#36
1,1-Dichloropropene
Concen: 16.26 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01



Tgt Ion: 75 Resp: 30540
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 30.8 25.3 37.9

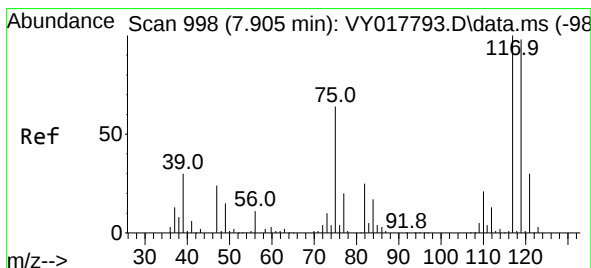
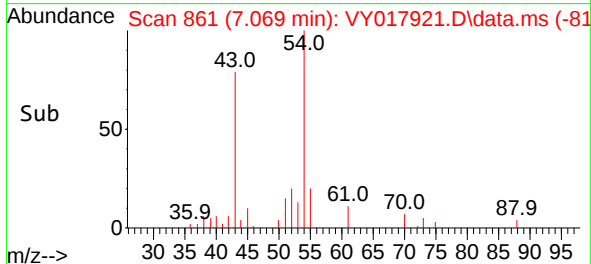
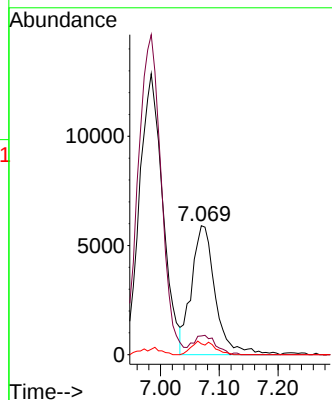
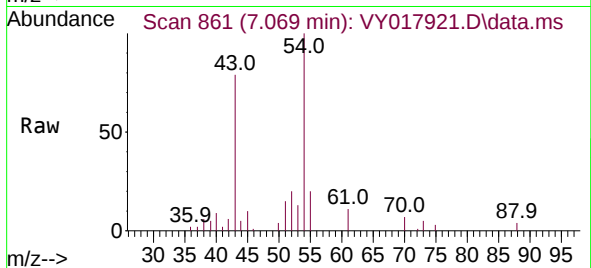




#37
Ethyl Acetate
Concen: 20.48 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

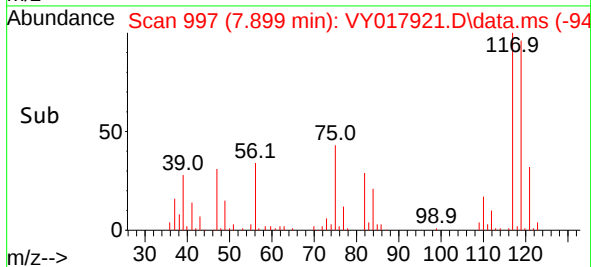
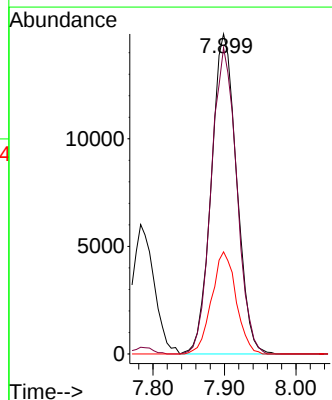
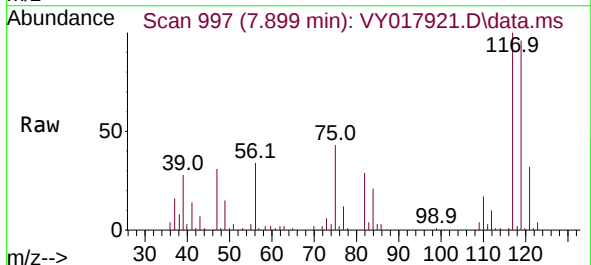
Instrument :
MSVOA_Y
ClientSampleId :

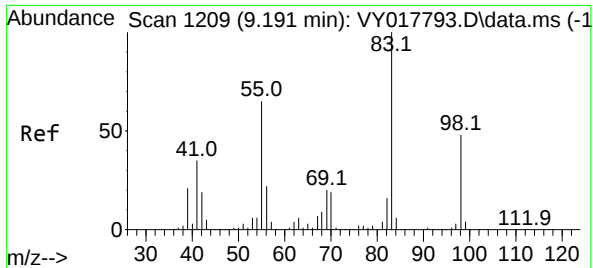
Tgt Ion: 43 Resp: 16605
Ion Ratio Lower Upper
43 100
61 14.1 12.6 19.0
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.74 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 117 Resp: 36536
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
121 31.9 24.0 36.0

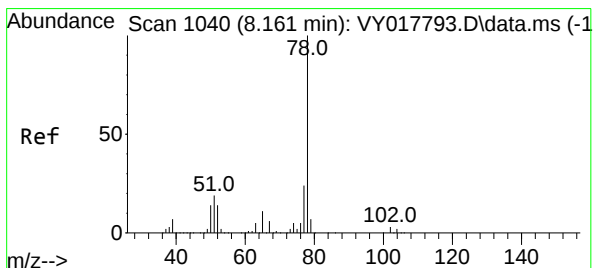
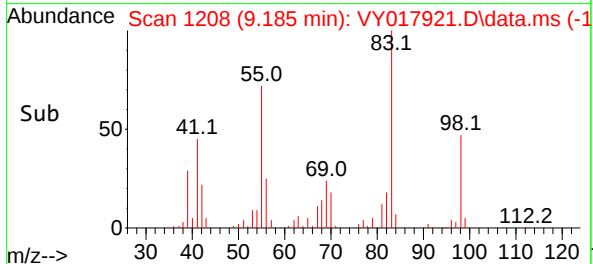
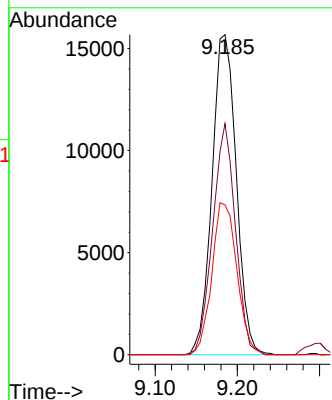
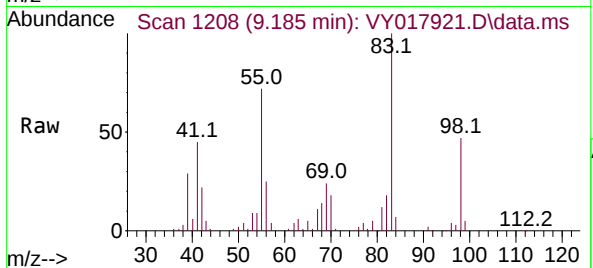




#39
Methylcyclohexane
Concen: 13.71 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

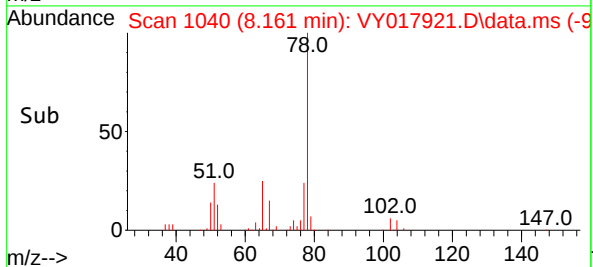
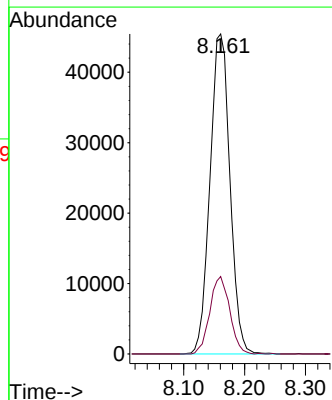
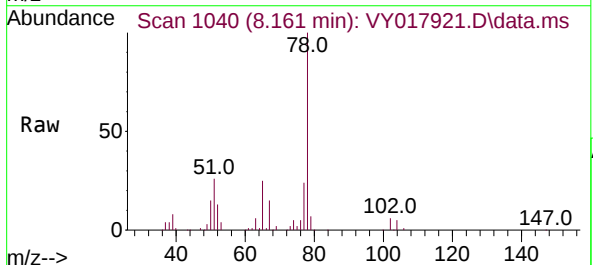
Instrument :
MSVOA_Y
ClientSampleId :

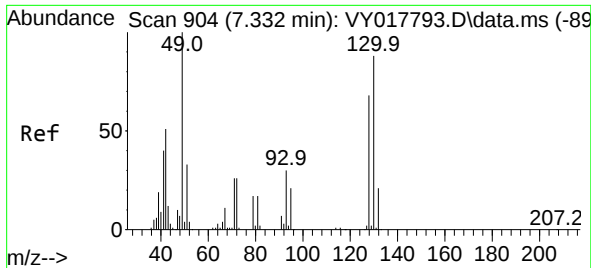
Tgt Ion: 83 Resp: 32159
Ion Ratio Lower Upper
83 100
55 72.2 51.5 77.3
98 46.8 40.5 60.7



#40
Benzene
Concen: 17.87 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

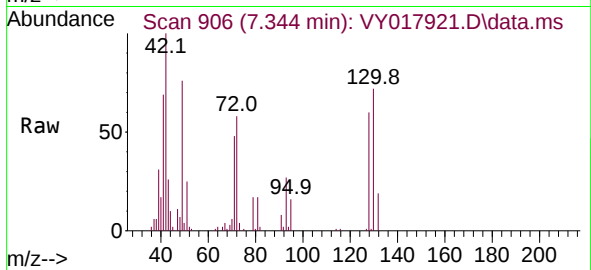
Tgt Ion: 78 Resp: 103472
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3



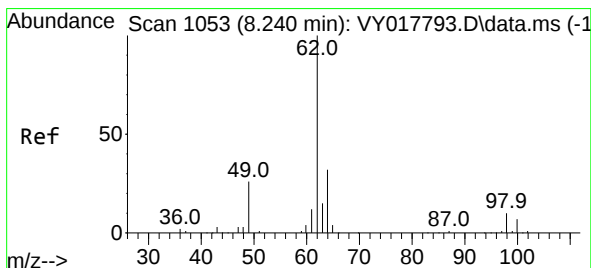
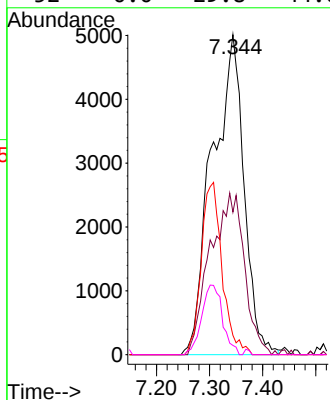
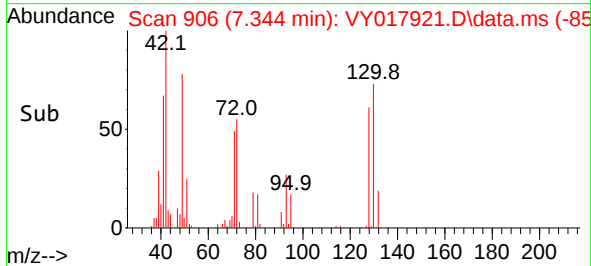


#41
Methacrylonitrile
Concen: 45.64 ug/l
RT: 7.344 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

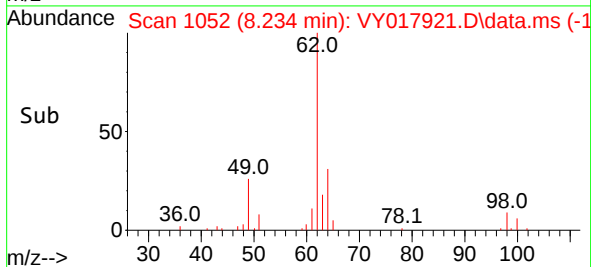
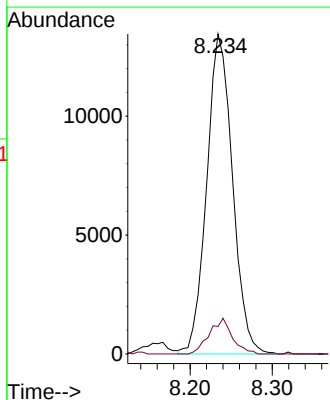
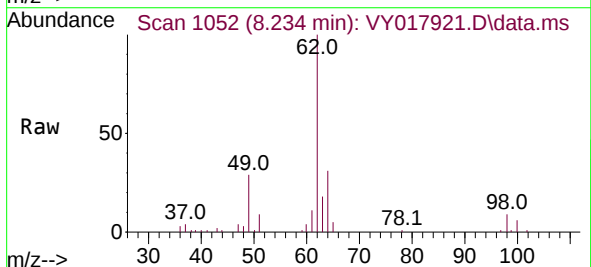


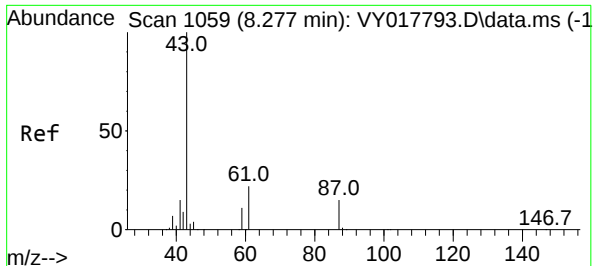
Tgt Ion: 41 Resp: 20805
Ion Ratio Lower Upper
41 100
39 54.3 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.58 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 62 Resp: 29327
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.0





#43

Isopropyl Acetate

Concen: 19.56 ug/l

RT: 8.271 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

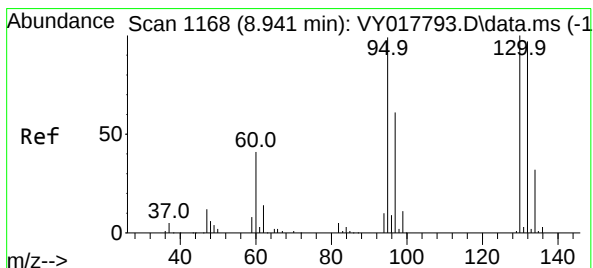
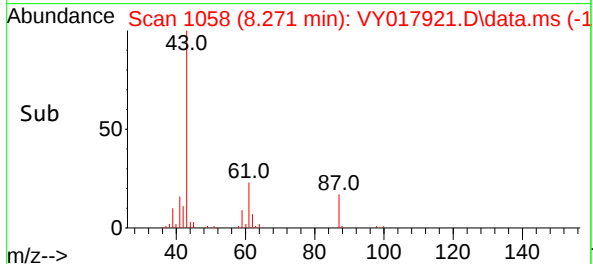
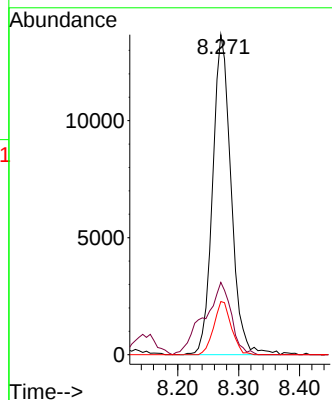
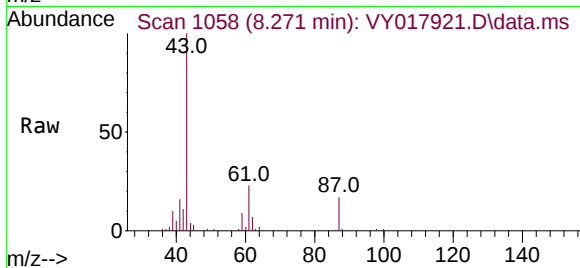
Tgt Ion: 43 Resp: 28773

Ion Ratio Lower Upper

43 100

61 33.2 27.9 41.9

87 15.7 13.1 19.7



#44

Trichloroethene

Concen: 18.06 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017921.D

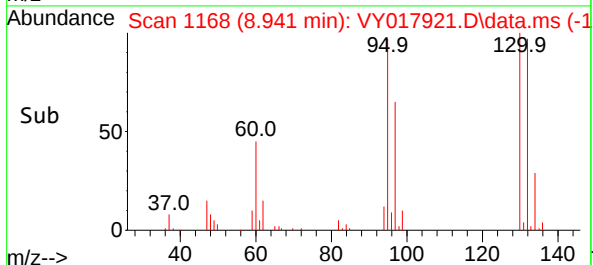
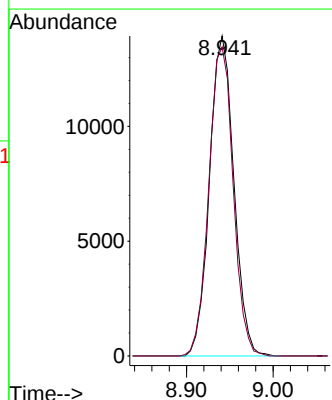
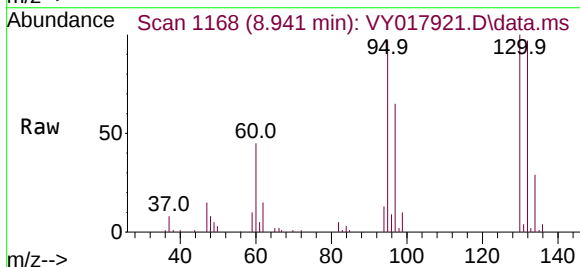
Acq: 12 Apr 2024 13:01

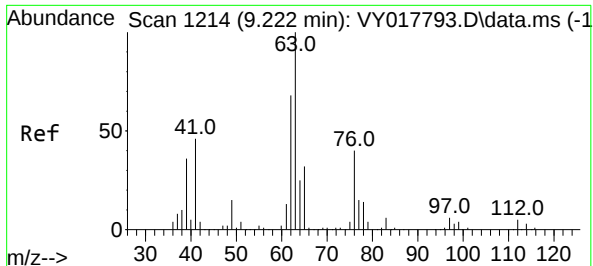
Tgt Ion:130 Resp: 27196

Ion Ratio Lower Upper

130 100

95 96.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 18.94 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

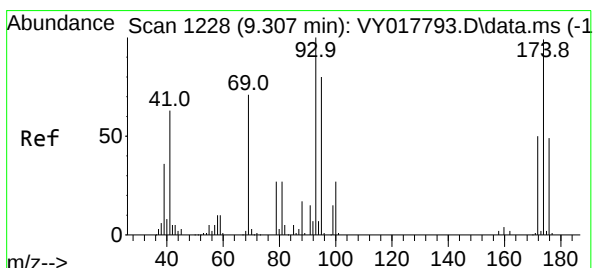
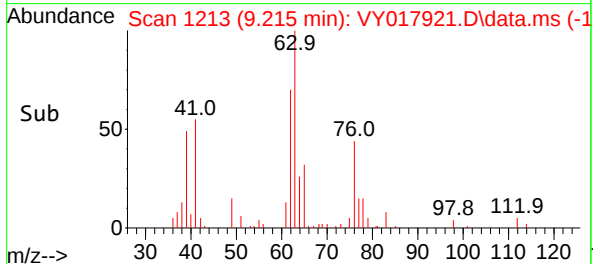
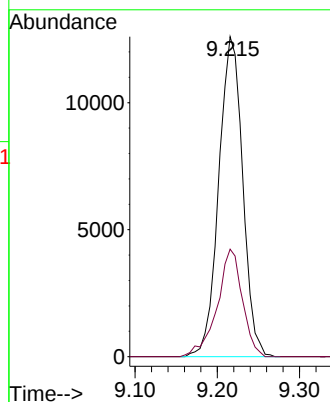
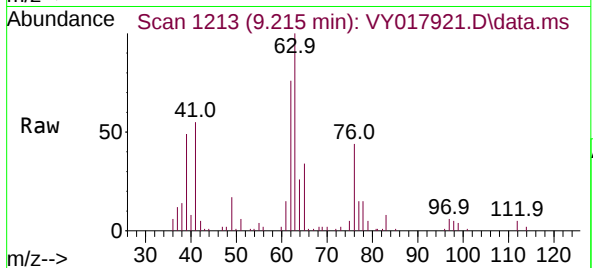
ClientSampleId :

Tgt Ion: 63 Resp: 25481

Ion Ratio Lower Upper

63 100

65 33.6 25.4 38.2



#46

Dibromomethane

Concen: 20.10 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

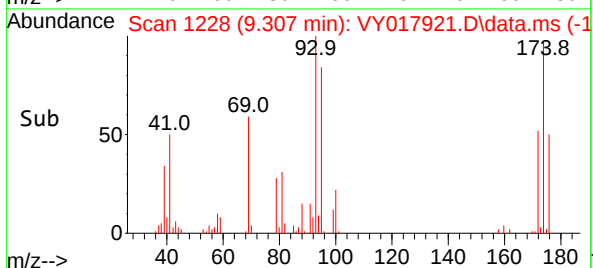
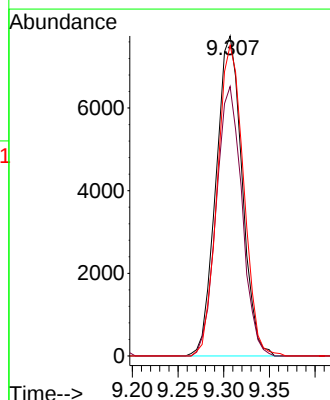
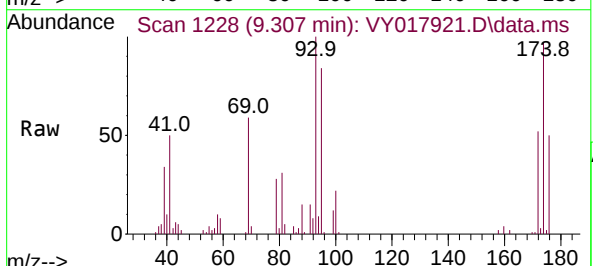
Tgt Ion: 93 Resp: 15364

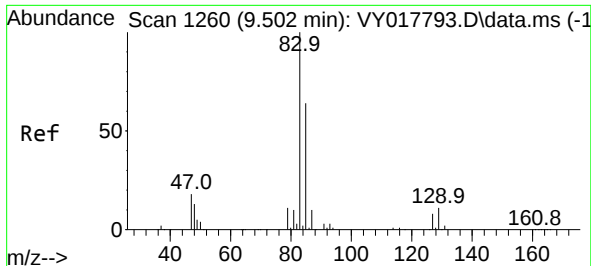
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 97.7 80.9 121.3





#47

Bromodichloromethane

Concen: 20.80 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY017921.D

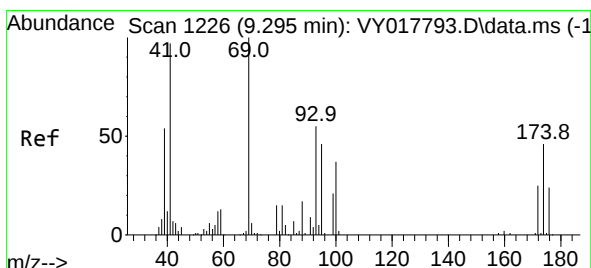
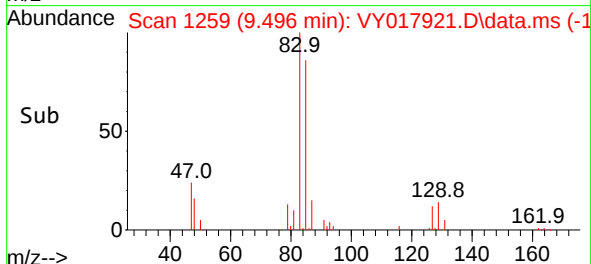
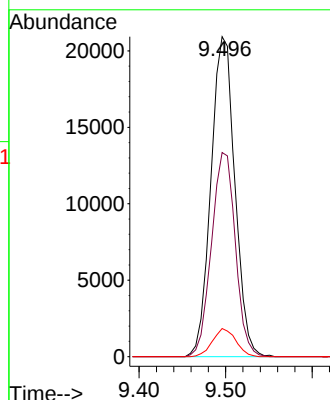
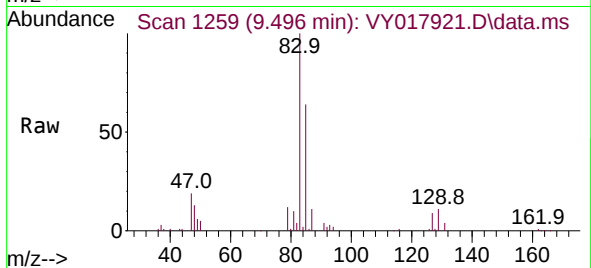
Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	40168
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.1	75.1
127	8.8	7.4	11.0



#48

Methyl methacrylate

Concen: 21.29 ug/l

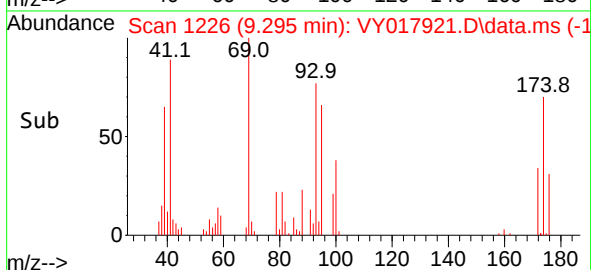
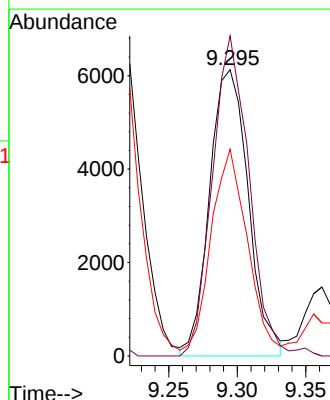
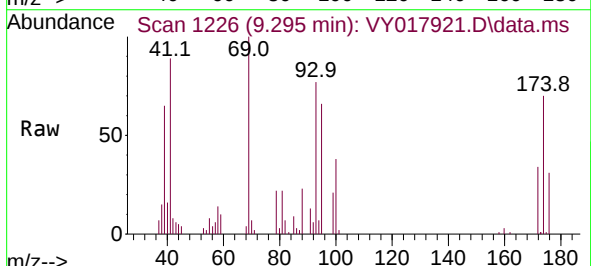
RT: 9.295 min Scan# 1226

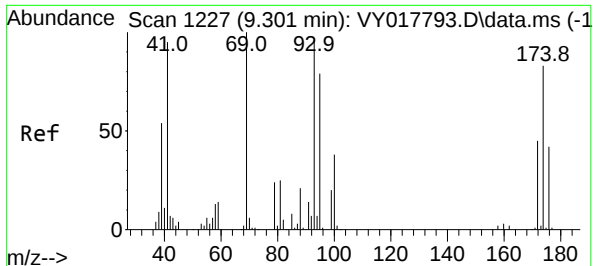
Delta R.T. -0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion:	41	Resp:	12066
Ion	Ratio	Lower	Upper
41	100		
69	106.3	84.1	126.1
39	68.2	43.6	65.4





#49

1,4-Dioxane

Concen: 409.80 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

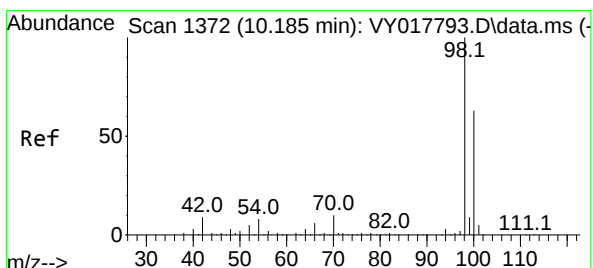
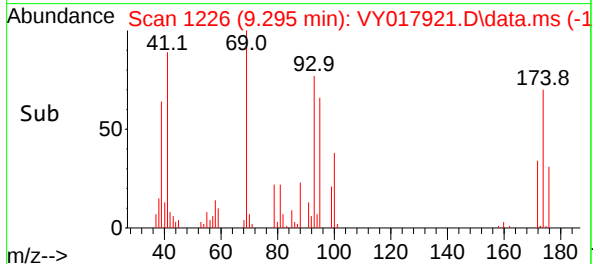
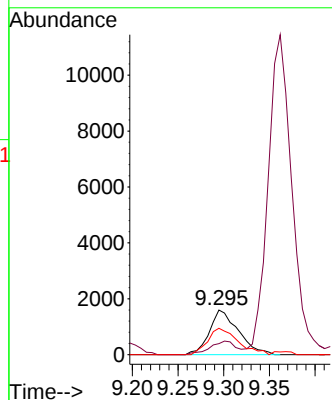
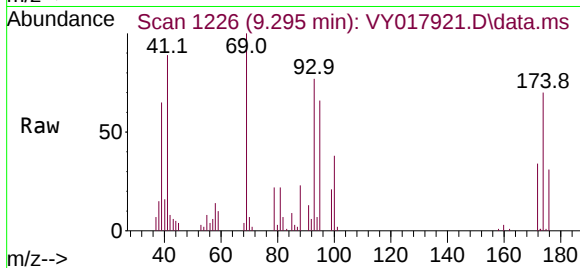
Tgt Ion: 88 Resp: 3516

Ion Ratio Lower Upper

88 100

43 27.0 0.0 0.0#

58 61.5 49.3 73.9



#50

Toluene-d8

Concen: 54.52 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017921.D

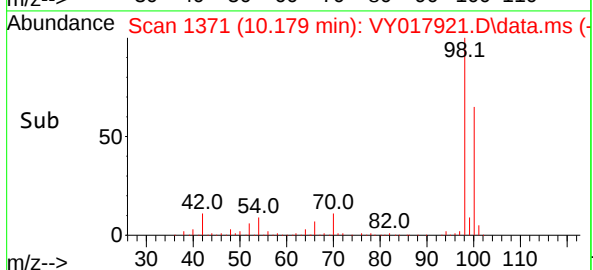
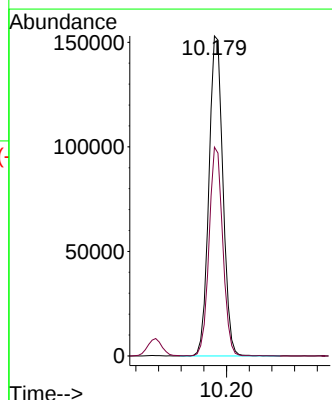
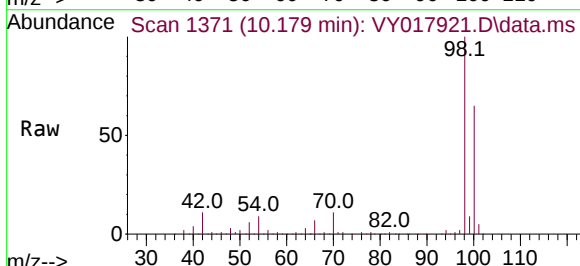
Acq: 12 Apr 2024 13:01

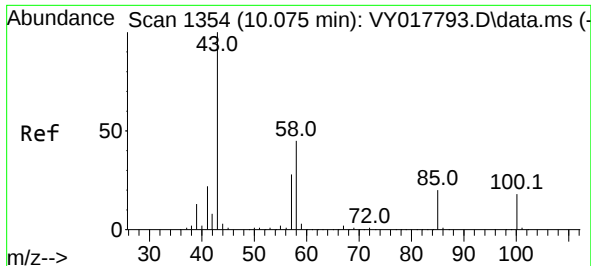
Tgt Ion: 98 Resp: 262199

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

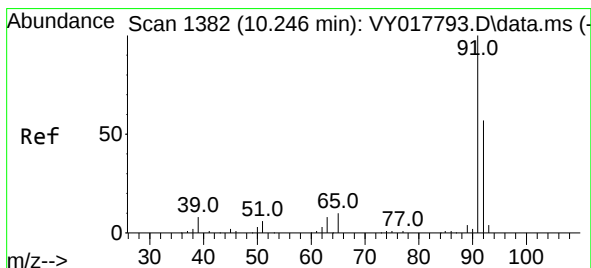
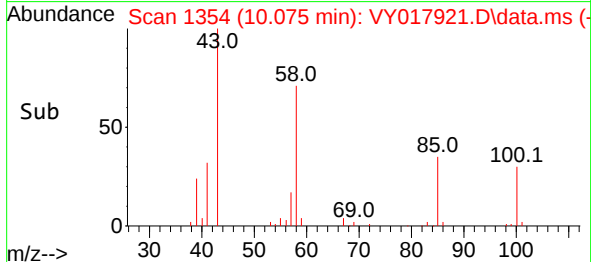
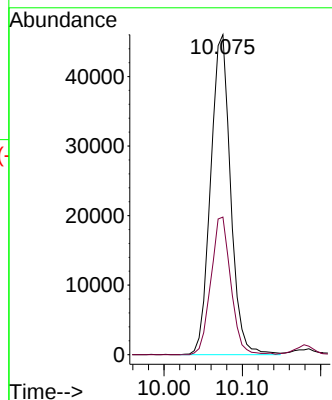
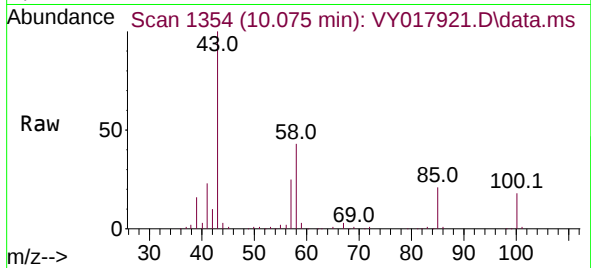




#51
4-Methyl-2-Pentanone
Concen: 120.21 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

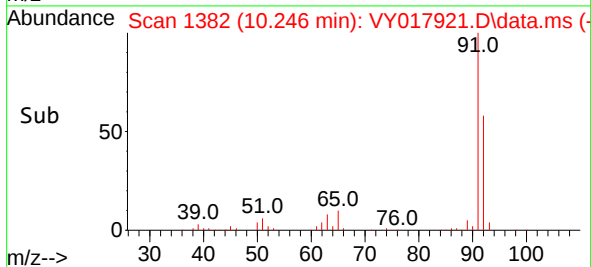
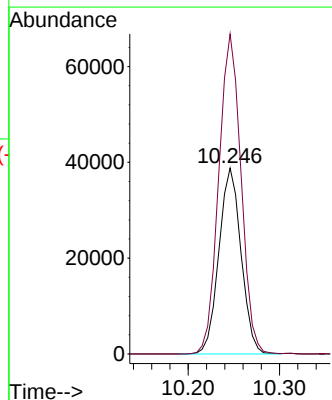
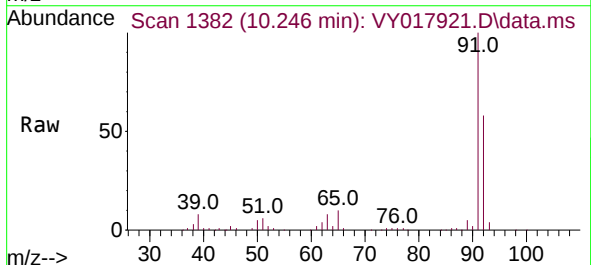
Instrument :
MSVOA_Y
ClientSampleId :

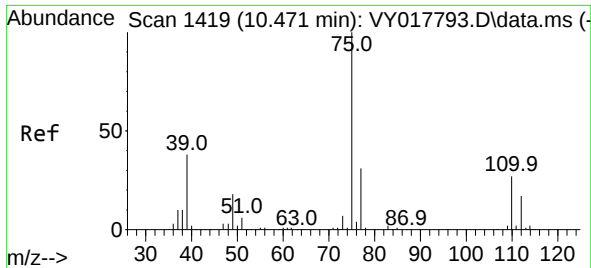
Tgt Ion: 43 Resp: 81324
Ion Ratio Lower Upper
43 100
58 43.0 35.7 53.5



#52
Toluene
Concen: 18.62 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 92 Resp: 65384
Ion Ratio Lower Upper
92 100
91 173.0 139.0 208.6

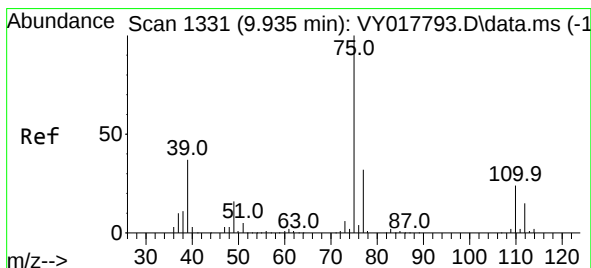
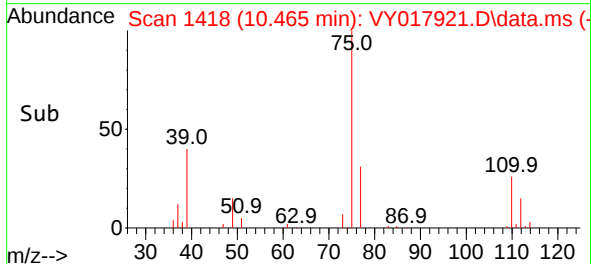
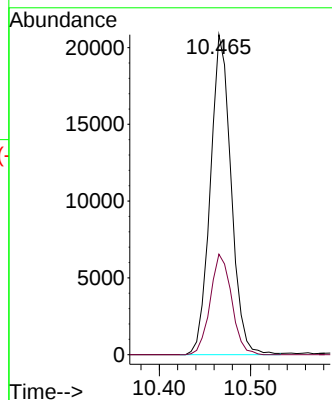
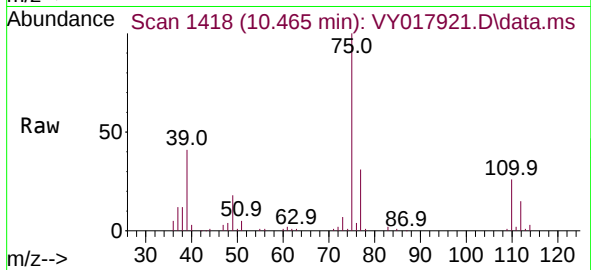




#53
 t-1,3-Dichloropropene
 Concen: 19.18 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017921.D
 Acq: 12 Apr 2024 13:01

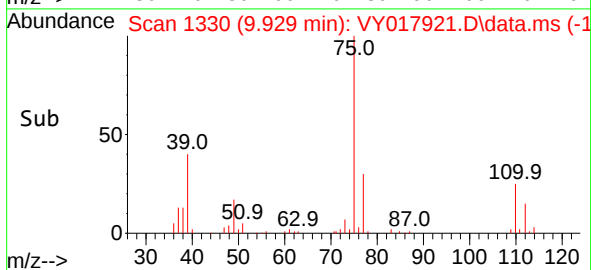
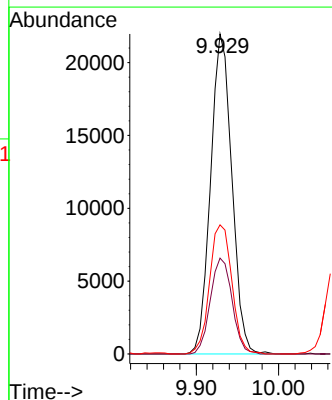
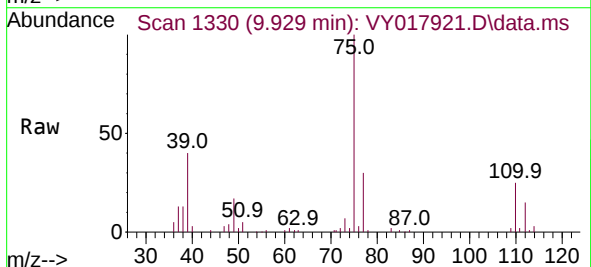
Instrument :
 MSVOA_Y
 ClientSampleId :

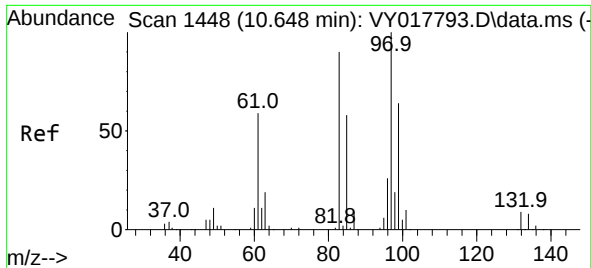
Tgt Ion: 75 Resp: 32887
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.84 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017921.D
 Acq: 12 Apr 2024 13:01

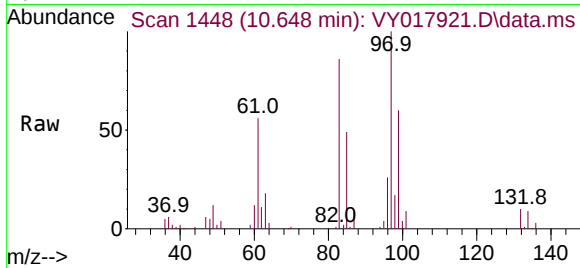
Tgt Ion: 75 Resp: 39435
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0
 39 40.4 29.8 44.6



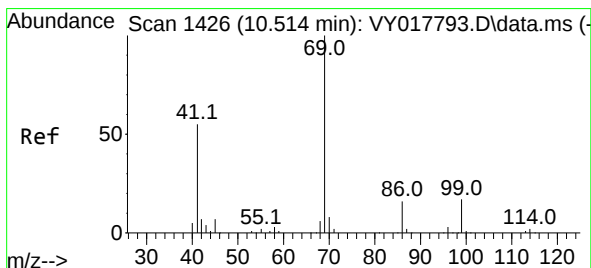
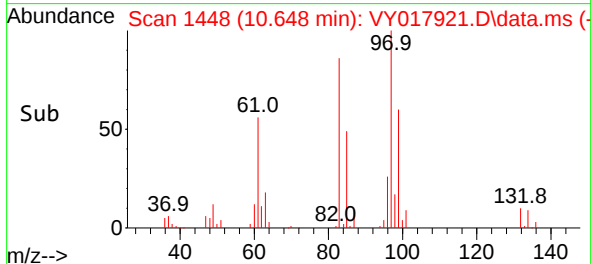
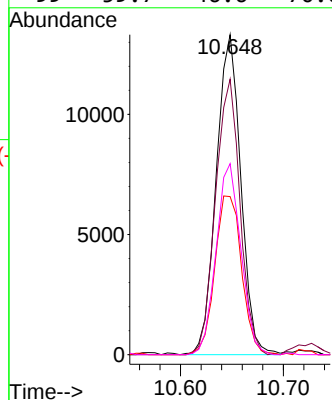


#55
1,1,2-Trichloroethane
Concen: 21.71 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :

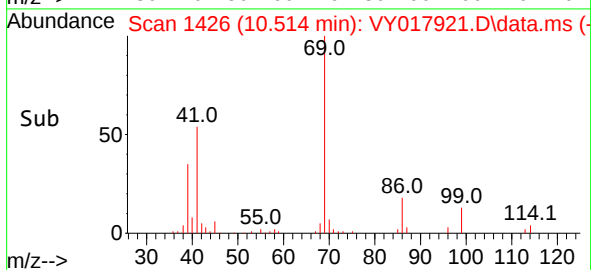
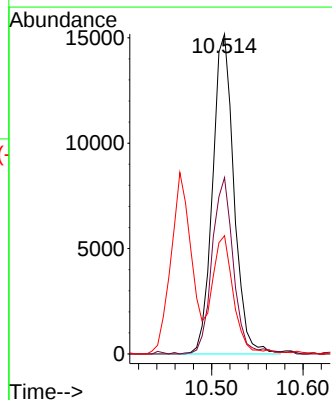
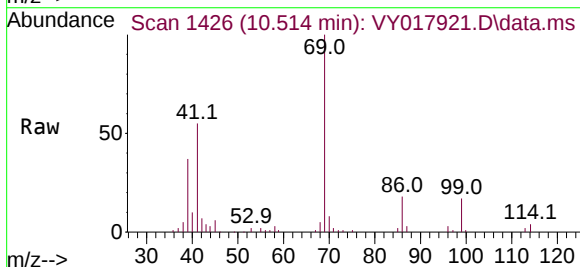


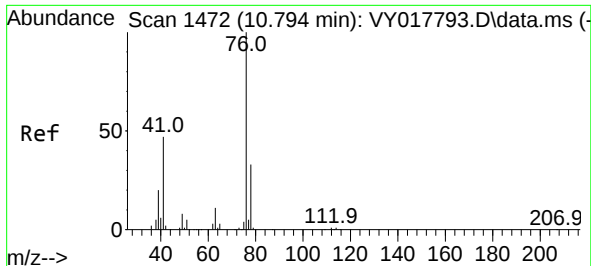
Tgt Ion:	97	Resp:	22112
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.5	101.3
85	49.4	42.9	64.3
99	59.7	46.6	70.0



#56
Ethyl methacrylate
Concen: 21.90 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion:	69	Resp:	24658
Ion	Ratio	Lower	Upper
69	100		
41	55.4	42.3	63.5
39	36.0	22.9	34.3





#57

1,3-Dichloropropane

Concen: 20.03 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

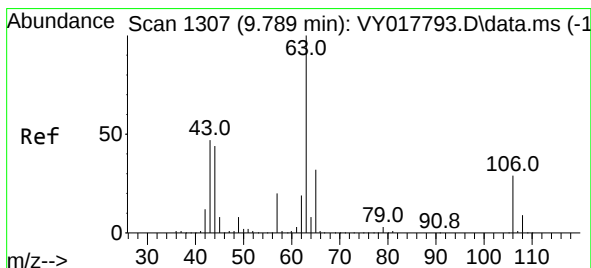
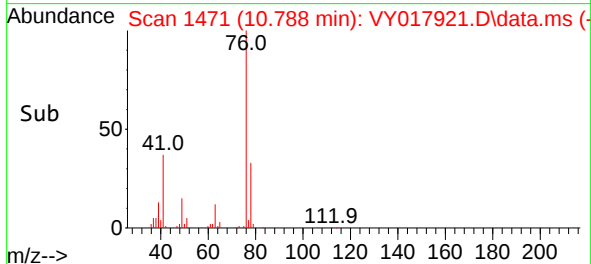
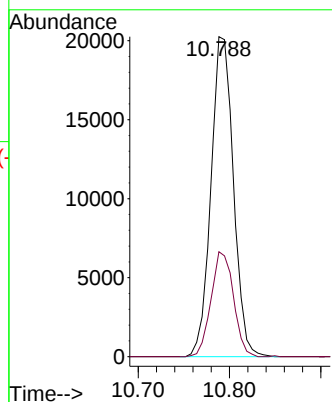
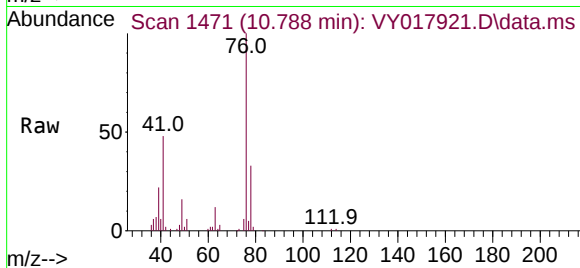
ClientSampleId :

Tgt Ion: 76 Resp: 34504

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 122.57 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.007 min

Lab File: VY017921.D

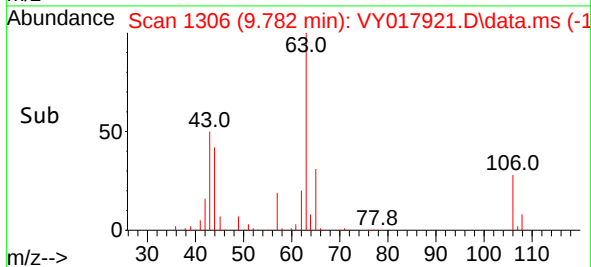
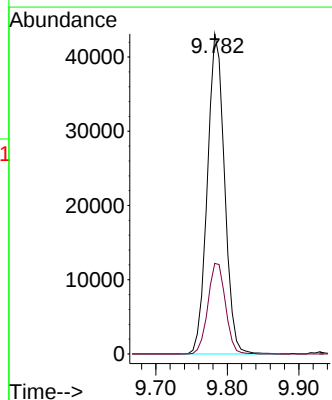
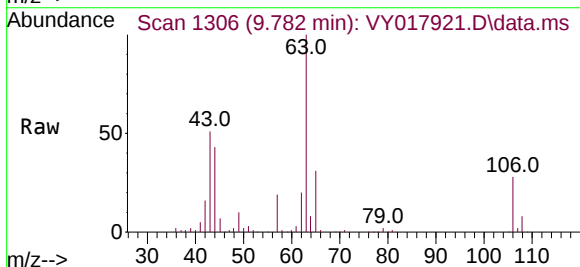
Acq: 12 Apr 2024 13:01

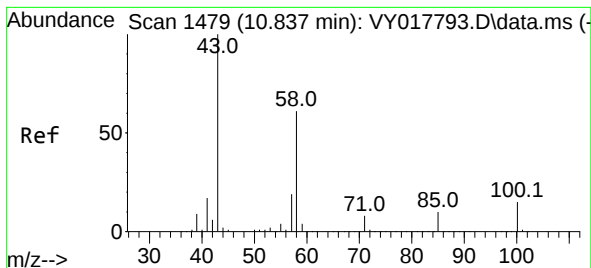
Tgt Ion: 63 Resp: 71756

Ion Ratio Lower Upper

63 100

106 28.9 23.7 35.5

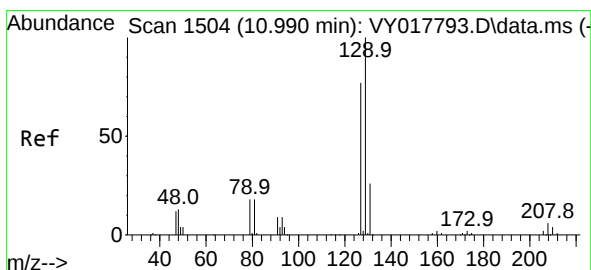
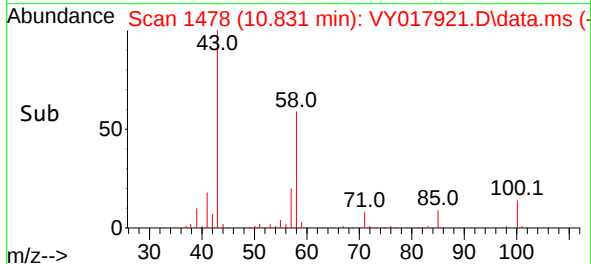
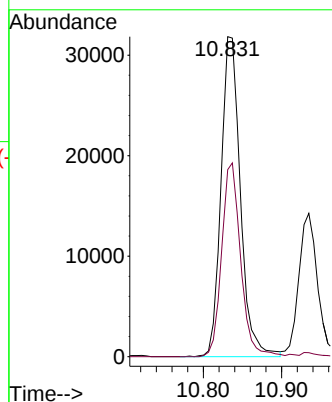
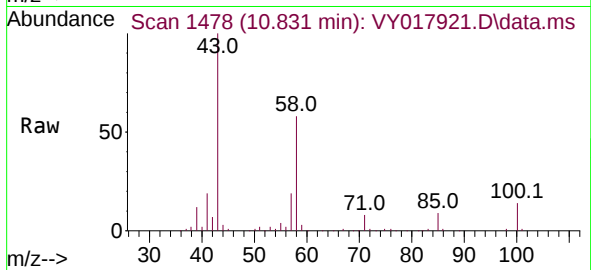




#59
2-Hexanone
Concen: 116.17 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

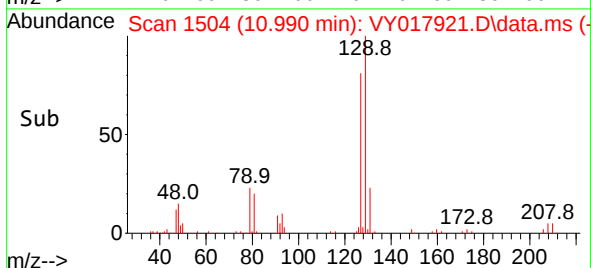
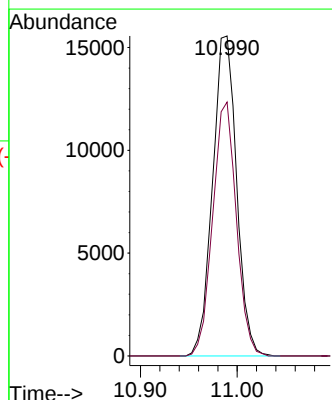
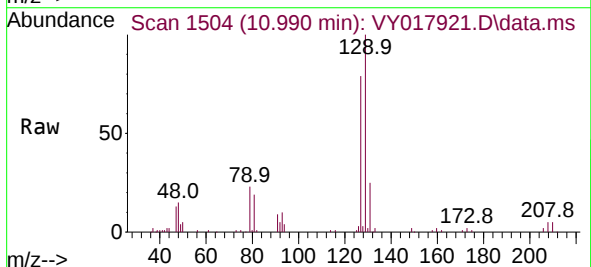
Instrument :
MSVOA_Y
ClientSampleId :

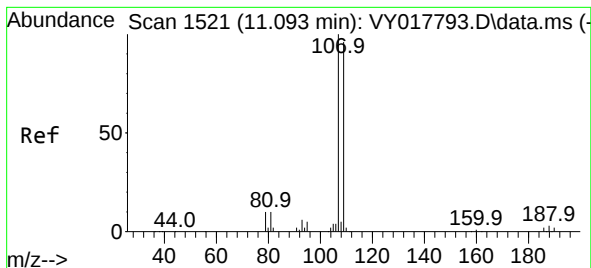
Tgt Ion: 43 Resp: 54740
Ion Ratio Lower Upper
43 100
58 59.3 31.4 94.0



#60
Dibromochloromethane
Concen: 20.91 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion:129 Resp: 26853
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.03 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

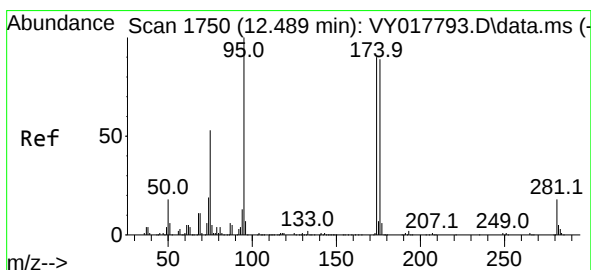
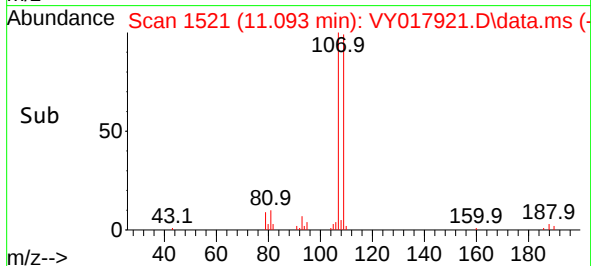
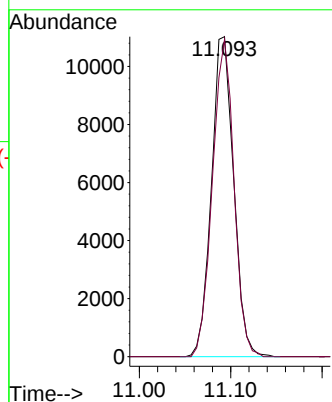
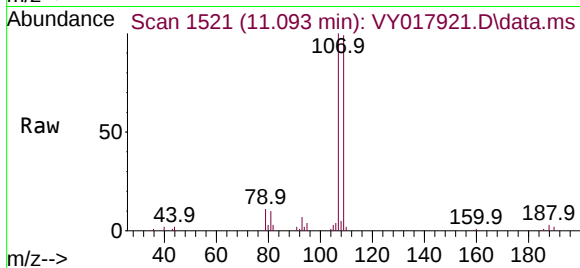
ClientSampleId :

Tgt Ion:107 Resp: 18597

Ion Ratio Lower Upper

107 100

109 96.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 54.02 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

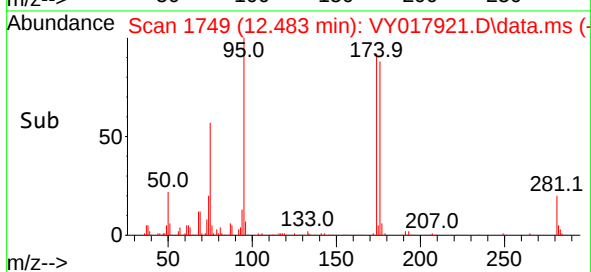
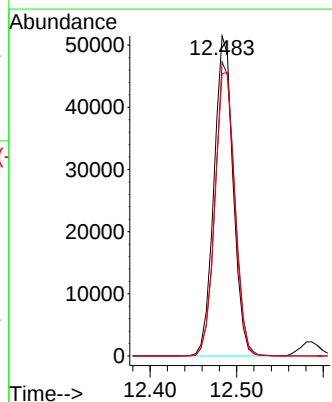
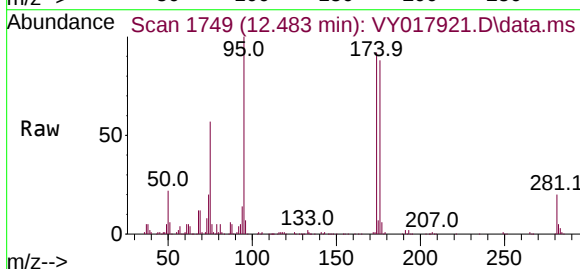
Tgt Ion: 95 Resp: 79048

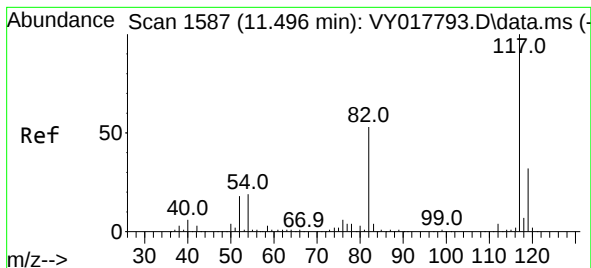
Ion Ratio Lower Upper

95 100

174 93.4 0.0 175.6

176 92.3 0.0 171.4

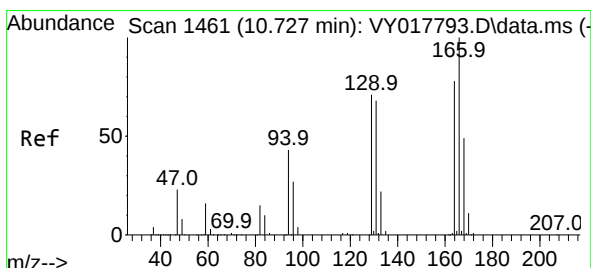
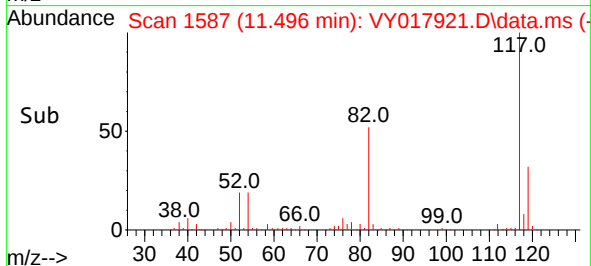
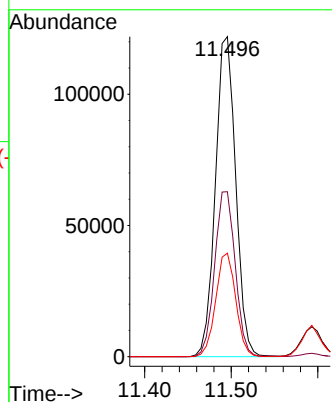
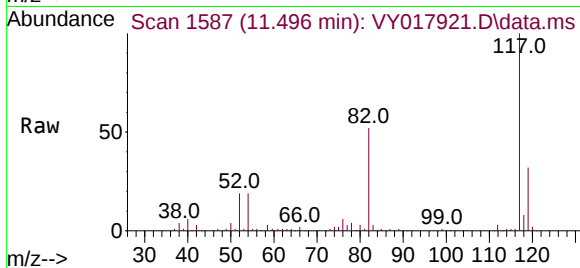




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

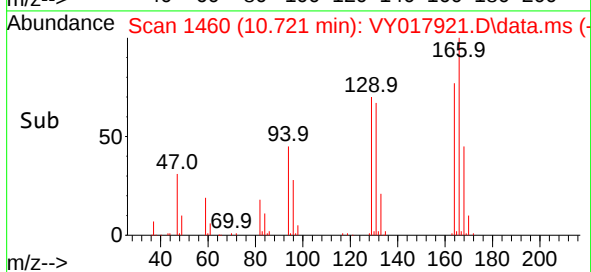
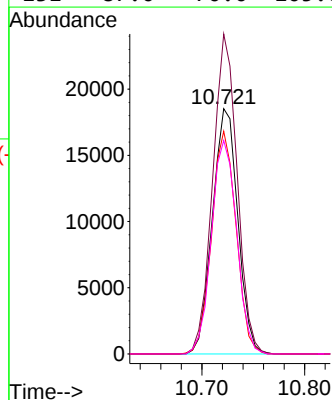
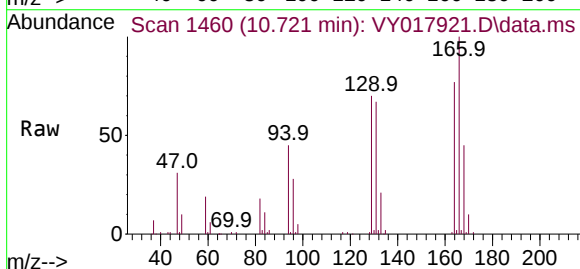
Instrument :
MSVOA_Y
ClientSampleId :

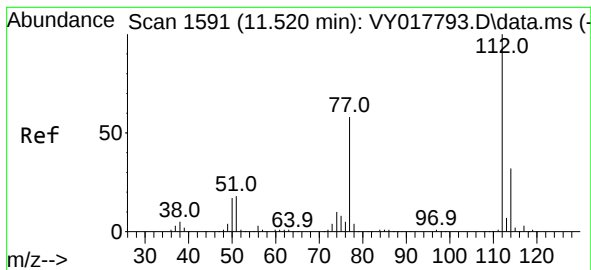
Tgt Ion:117 Resp: 198817
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 18.37 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion:164 Resp: 31848
Ion Ratio Lower Upper
164 100
166 130.5 102.6 154.0
129 90.8 72.0 108.0
131 87.0 70.0 105.0





#65

Chlorobenzene

Concen: 18.65 ug/l

RT: 11.520 min Scan# 111

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

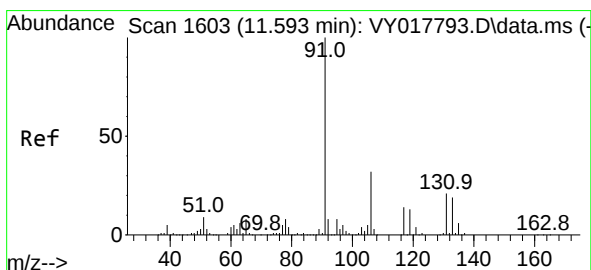
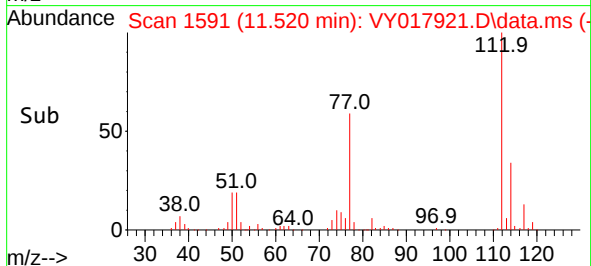
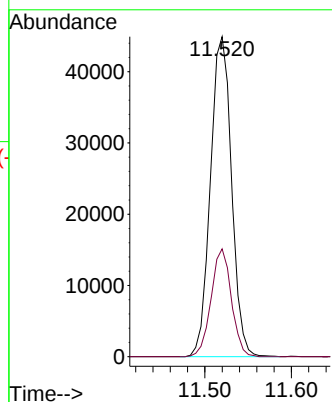
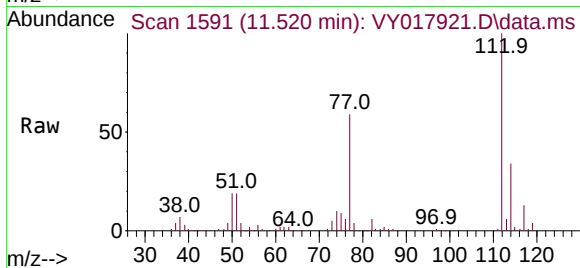
ClientSampleId :

Tgt Ion:112 Resp: 76068

Ion Ratio Lower Upper

112 100

114 33.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.28 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

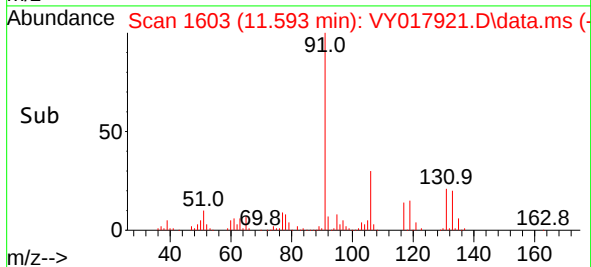
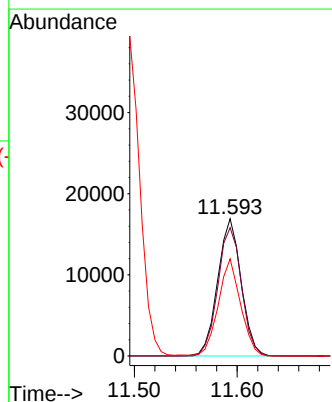
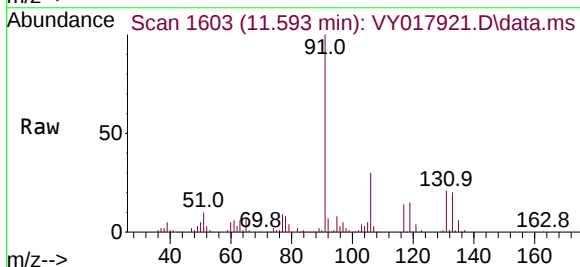
Tgt Ion:131 Resp: 26699

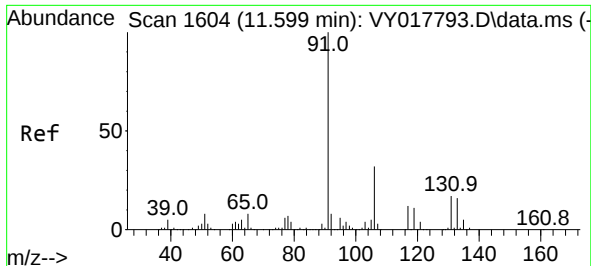
Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.3

119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 17.54 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

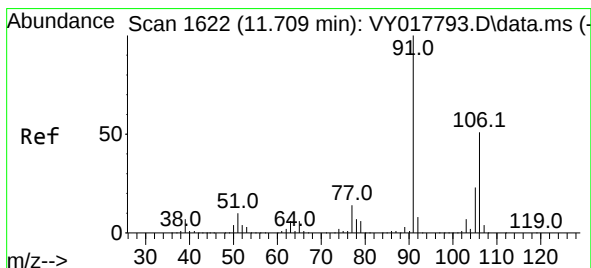
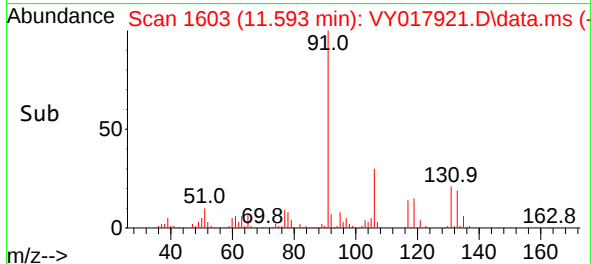
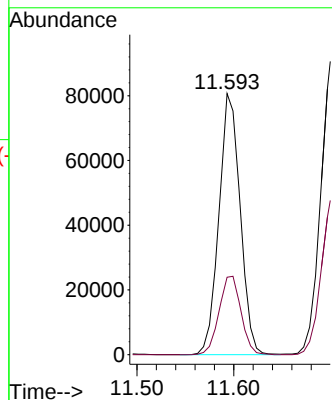
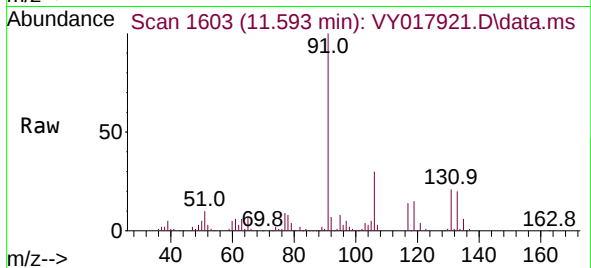
ClientSampleId :

Tgt Ion: 91 Resp: 122945

Ion Ratio Lower Upper

91 100

106 29.7 24.5 36.7



#68

m/p-Xylenes

Concen: 35.71 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017921.D

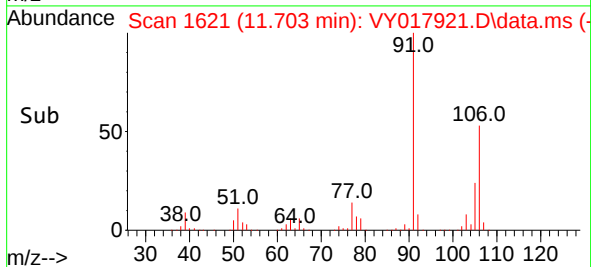
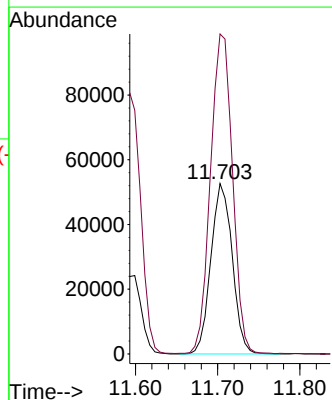
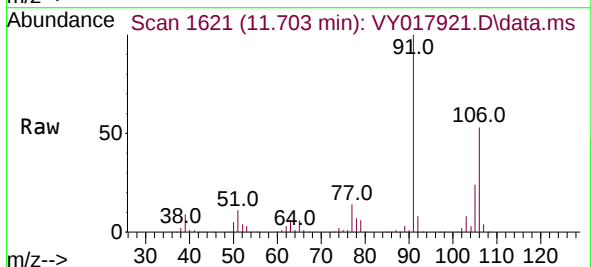
Acq: 12 Apr 2024 13:01

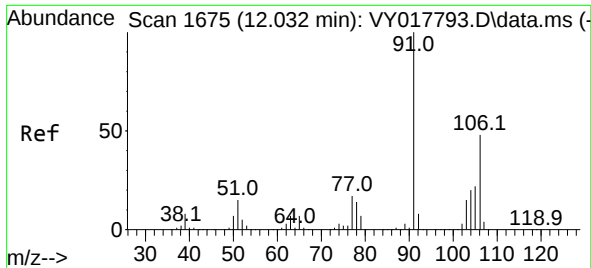
Tgt Ion:106 Resp: 94938

Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0

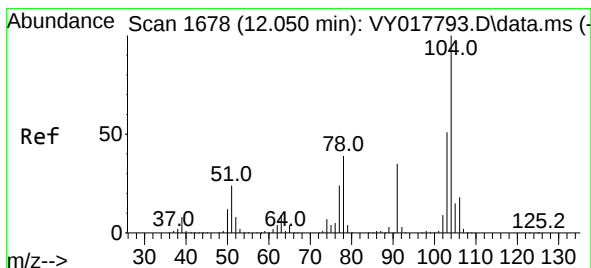
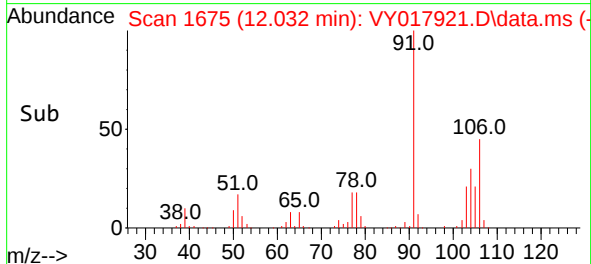
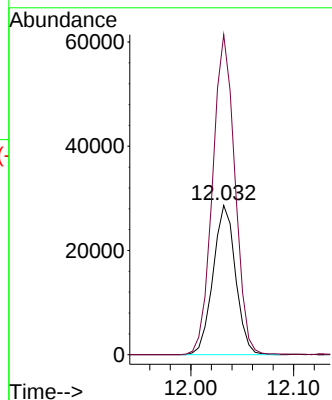
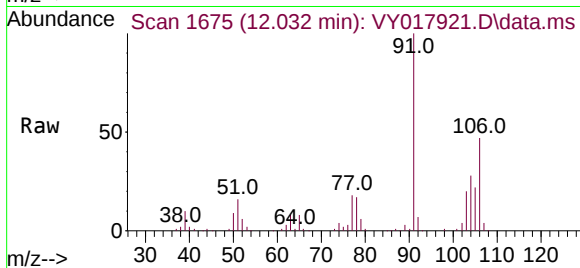




#69
o-Xylene
Concen: 21.05 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

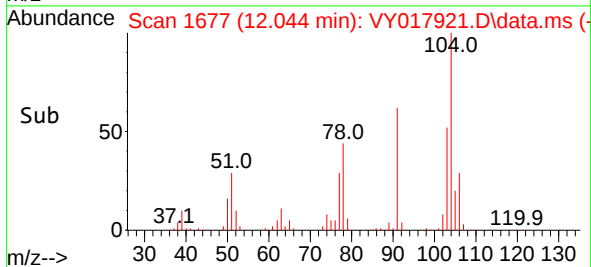
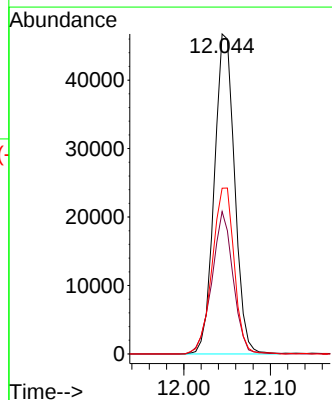
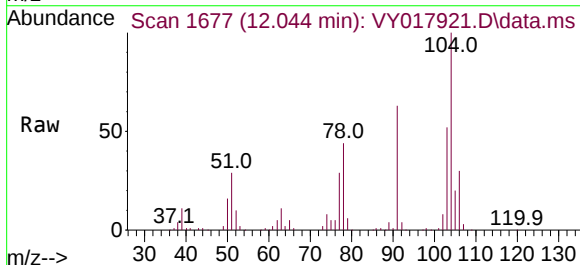
Instrument :
MSVOA_Y
ClientSampleId :

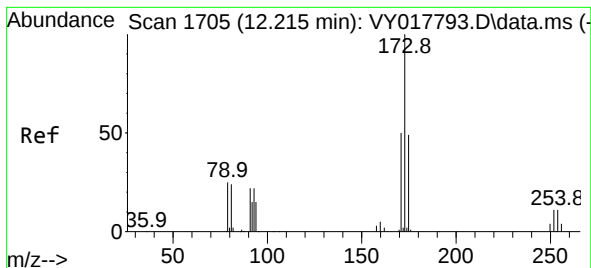
Tgt Ion:106 Resp: 43485
Ion Ratio Lower Upper
106 100
91 213.3 103.6 310.8



#70
Styrene
Concen: 21.68 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion:104 Resp: 76218
Ion Ratio Lower Upper
104 100
78 46.4 37.0 55.4
103 56.3 44.2 66.2





#71

Bromoform

Concen: 19.98 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017921.D

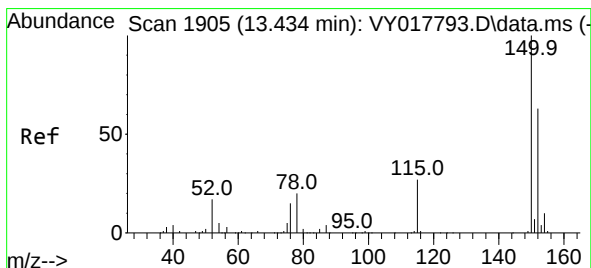
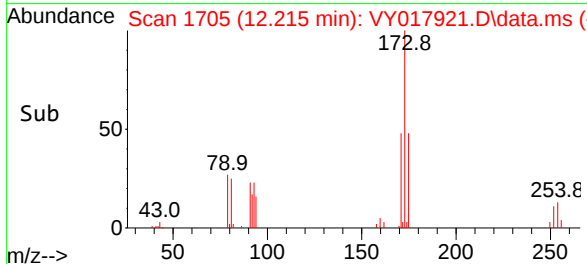
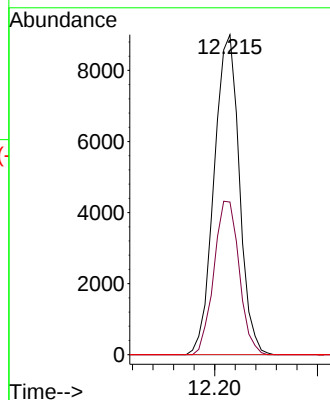
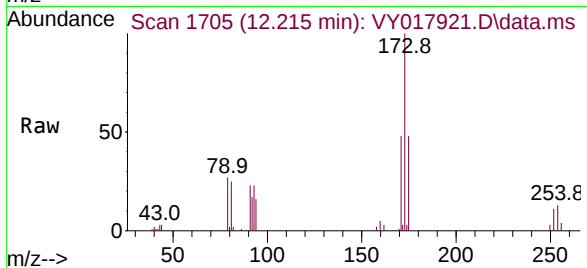
Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	15333
Ion Ratio	Lower	Upper
173	100	
175	48.1	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

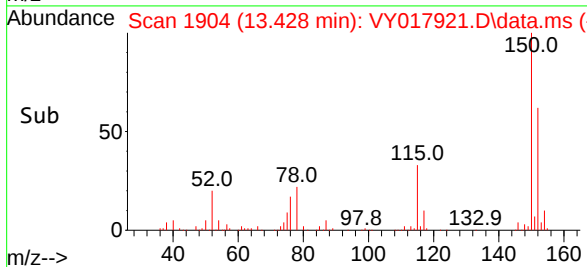
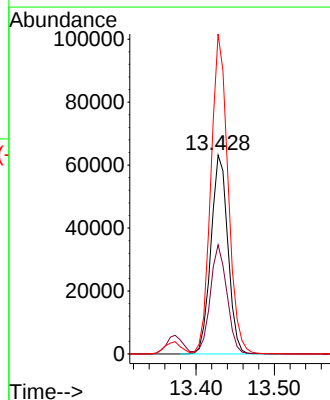
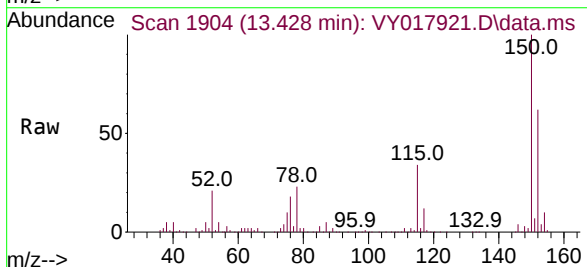
RT: 13.428 min Scan# 1904

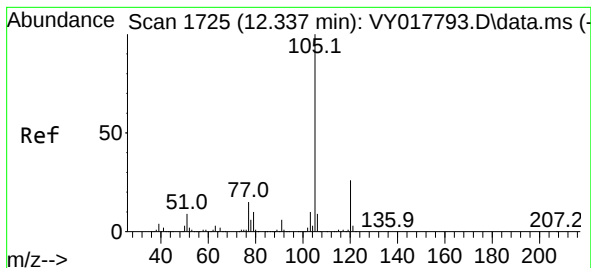
Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion:152	Resp:	94718
Ion Ratio	Lower	Upper
152	100	
115	53.9	28.2 84.7
150	163.3	0.0 345.6





#73

Isopropylbenzene

Concen: 17.68 ug/l

RT: 12.337 min Scan# 117379

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

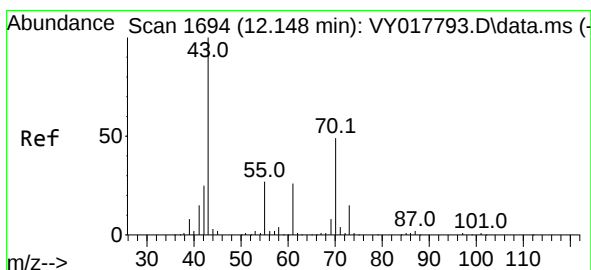
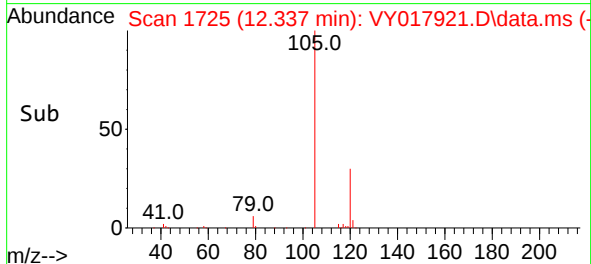
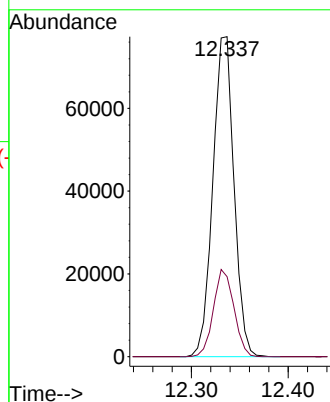
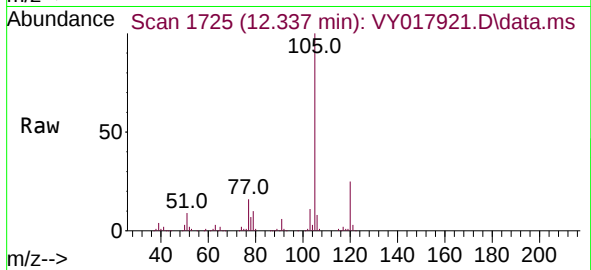
ClientSampleId :

Tgt Ion:105 Resp: 117379

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 20.87 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion: 43 Resp: 23583

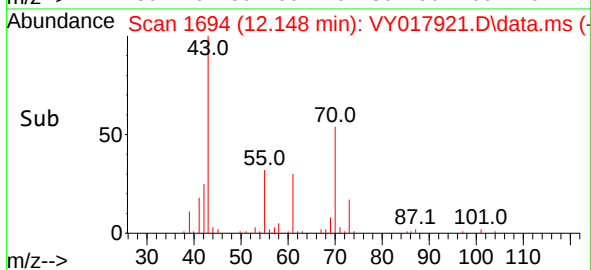
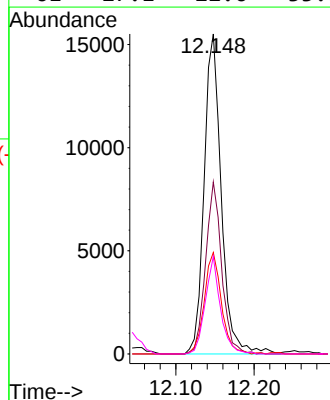
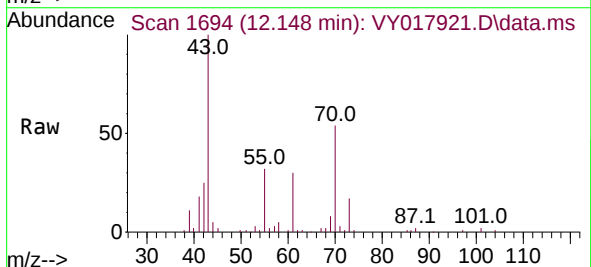
Ion Ratio Lower Upper

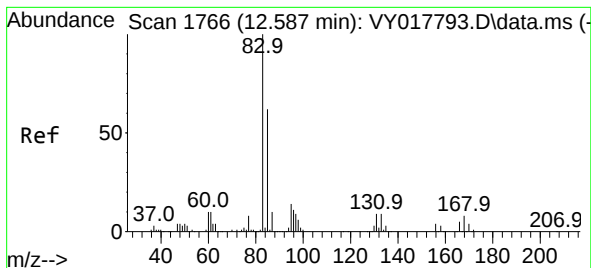
43 100

70 50.5 41.4 62.2

55 31.6 23.3 34.9

61 27.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.01 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

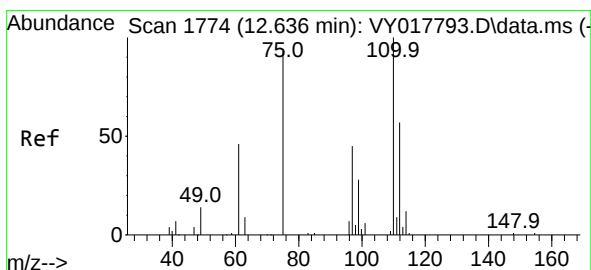
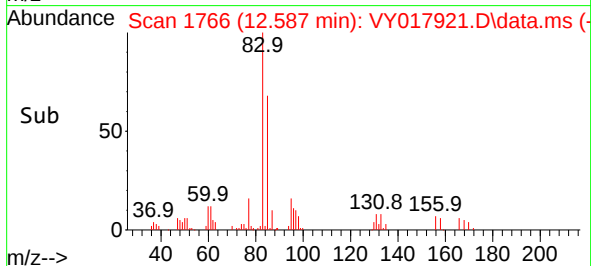
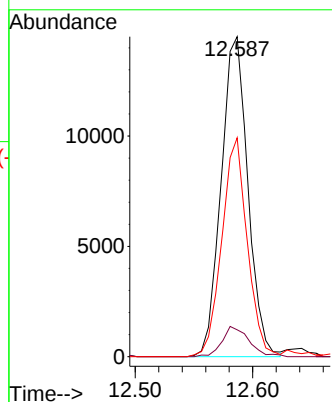
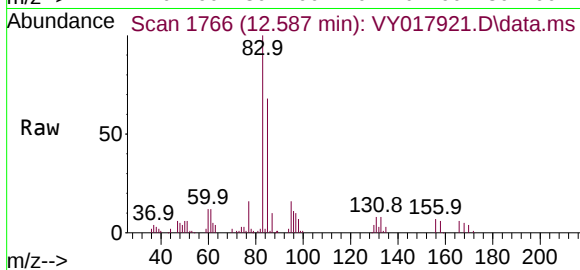
Tgt Ion: 83 Resp: 22975

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.70 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017921.D

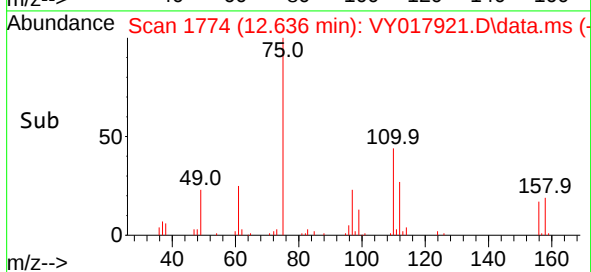
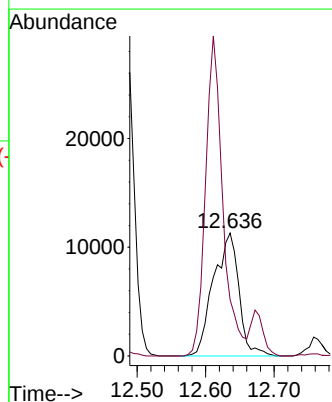
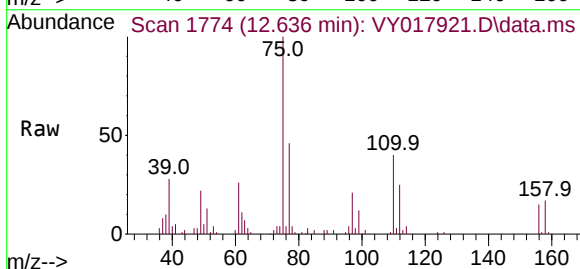
Acq: 12 Apr 2024 13:01

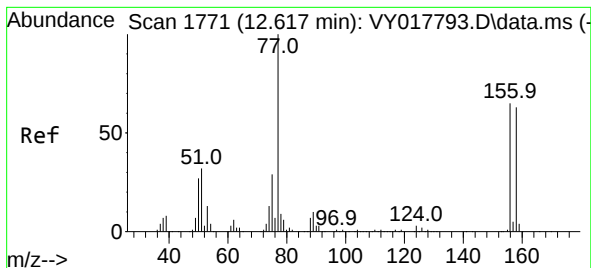
Tgt Ion: 75 Resp: 29090

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.63 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

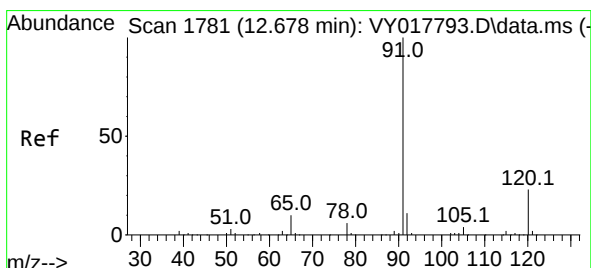
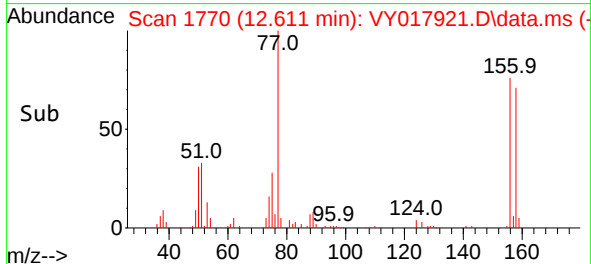
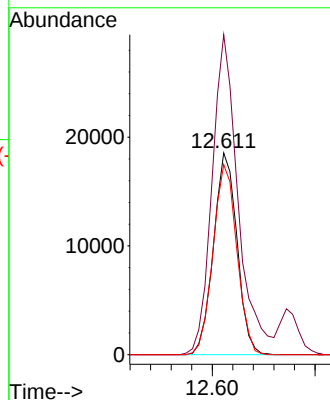
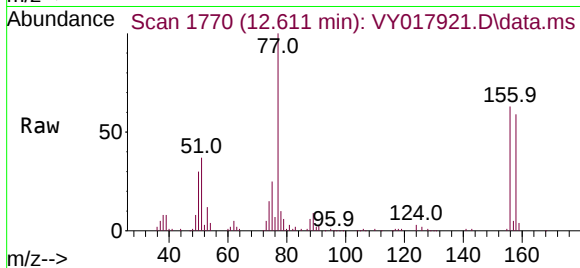
Tgt Ion:156 Resp: 29448

Ion Ratio Lower Upper

156 100

77 176.1 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 18.00 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY017921.D

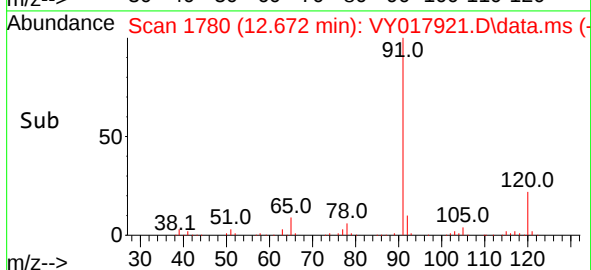
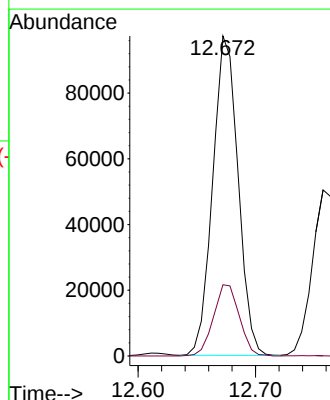
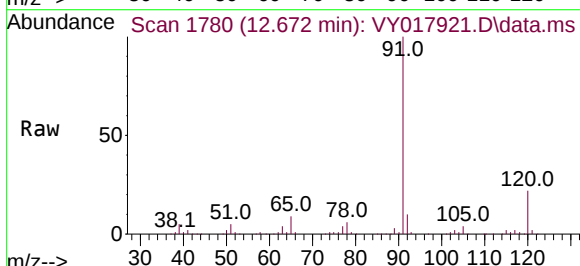
Acq: 12 Apr 2024 13:01

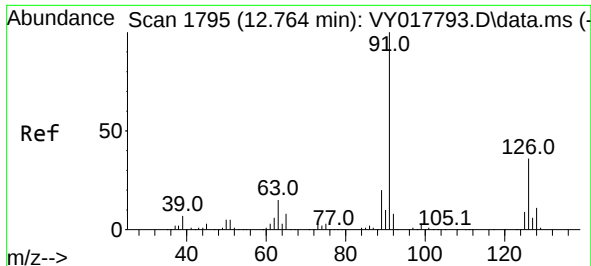
Tgt Ion: 91 Resp: 145809

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

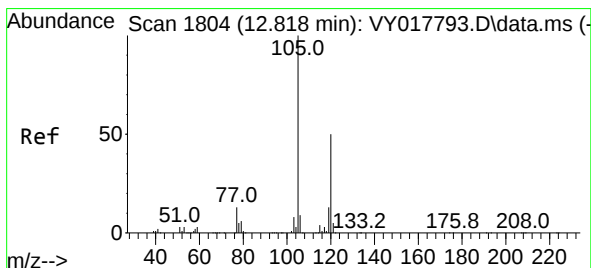
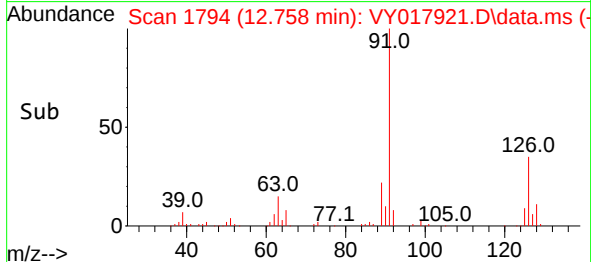
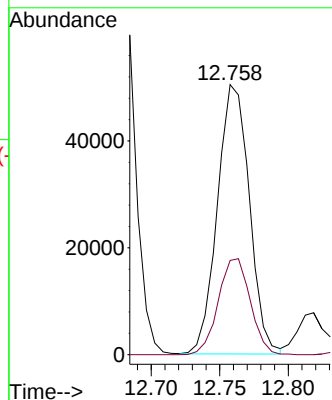
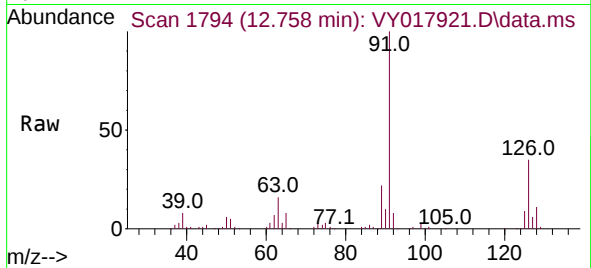




#79
2-Chlorotoluene
Concen: 18.46 ug/l
RT: 12.758 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

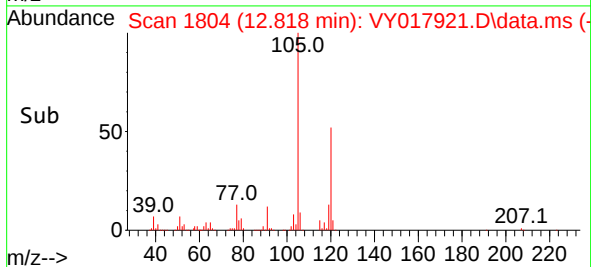
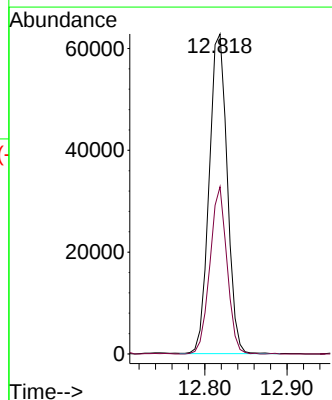
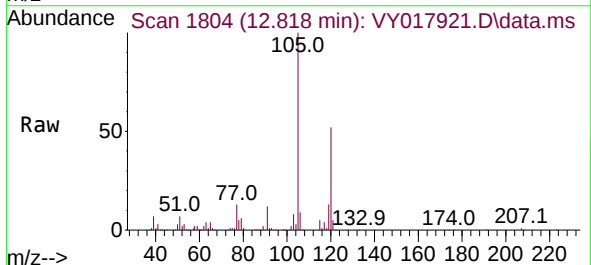
Instrument :
MSVOA_Y
ClientSampleId :

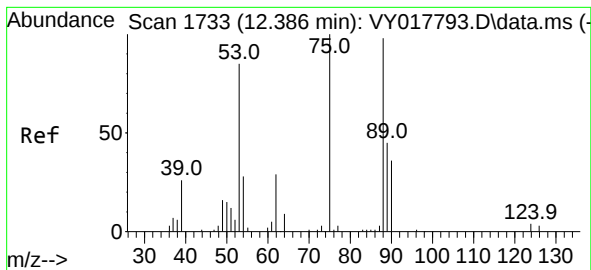
Tgt Ion: 91 Resp: 81880
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 18.43 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 105 Resp: 95496
Ion Ratio Lower Upper
105 100
120 49.5 25.1 75.2

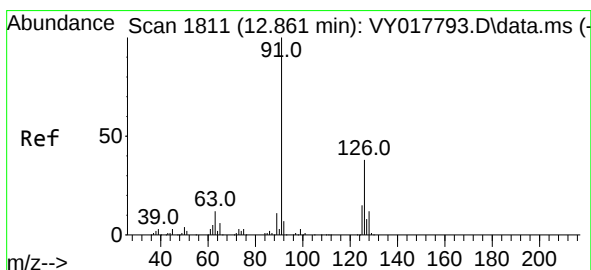
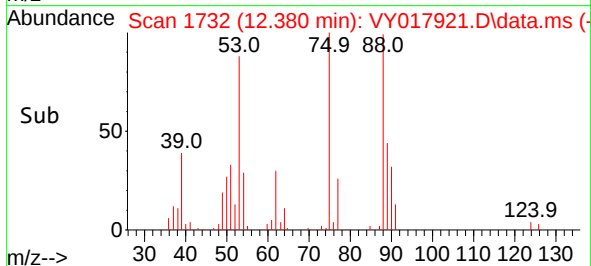
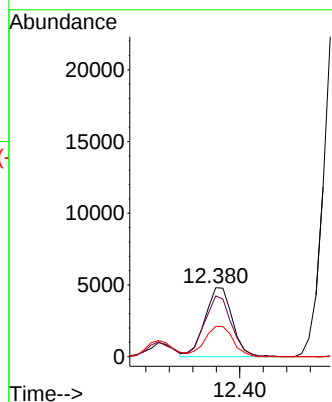
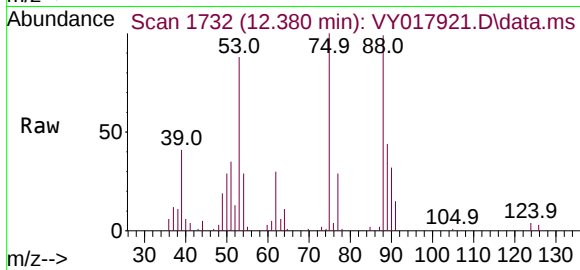




#81
trans-1,4-Dichloro-2-butene
Concen: 22.73 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

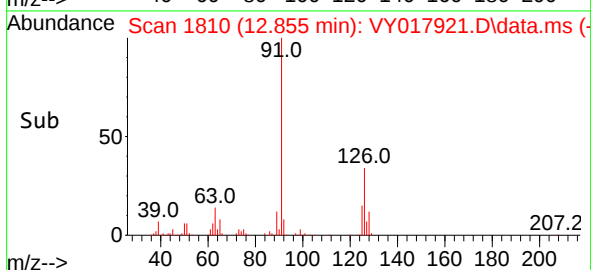
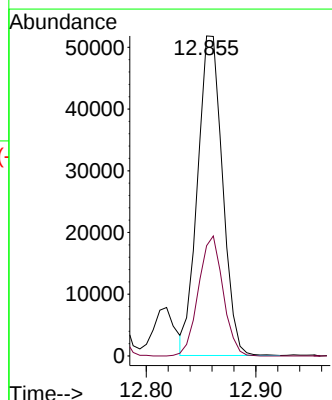
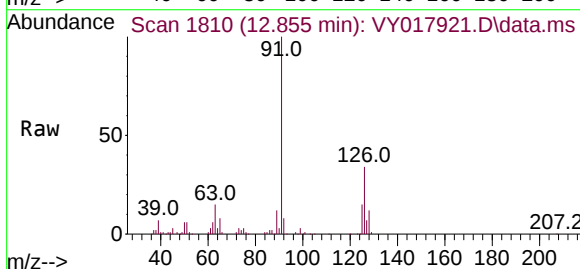
Instrument :
MSVOA_Y
ClientSampleId :

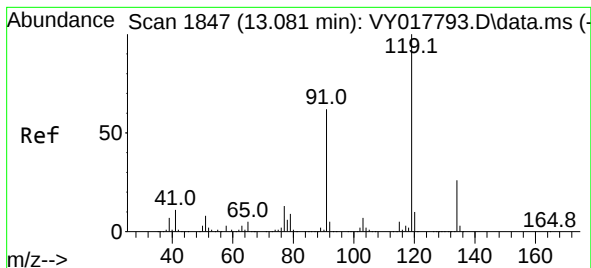
Tgt Ion: 75 Resp: 7703
Ion Ratio Lower Upper
75 100
53 88.8 66.8 100.2
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 17.83 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017921.D
Acq: 12 Apr 2024 13:01

Tgt Ion: 91 Resp: 81912
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.45 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

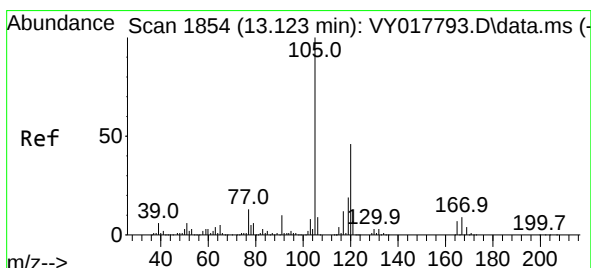
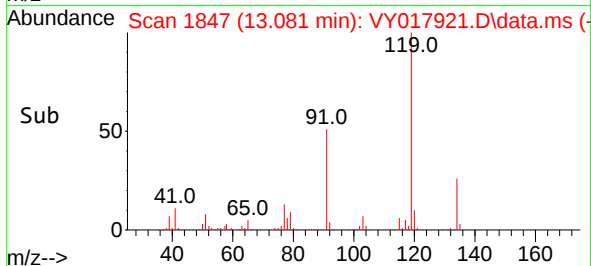
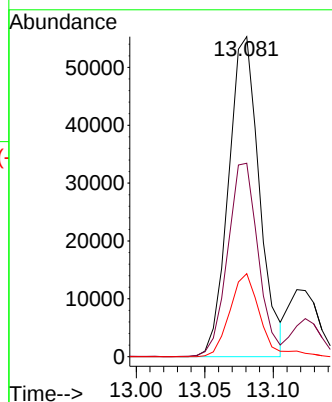
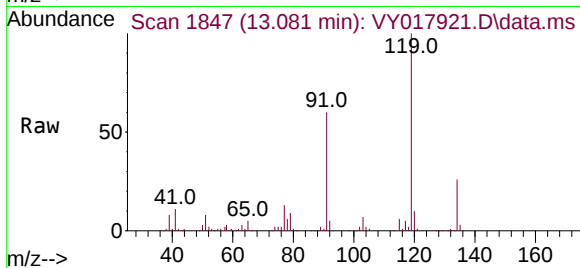
Tgt Ion:119 Resp: 86918

Ion Ratio Lower Upper

119 100

91 59.8 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.30 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017921.D

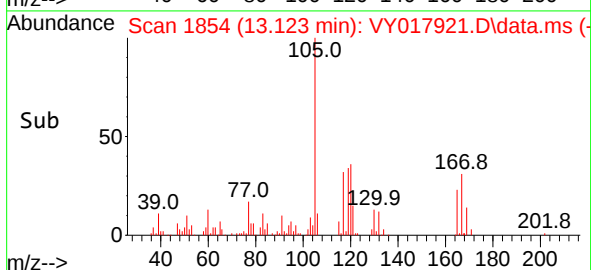
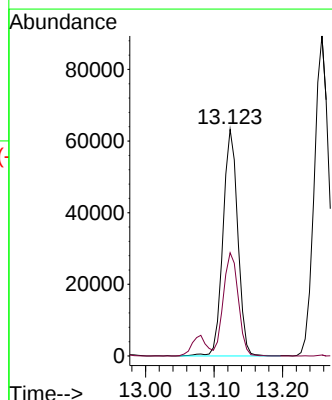
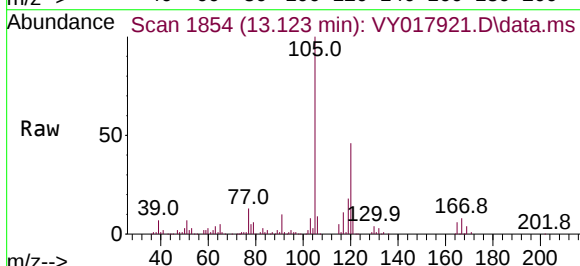
Acq: 12 Apr 2024 13:01

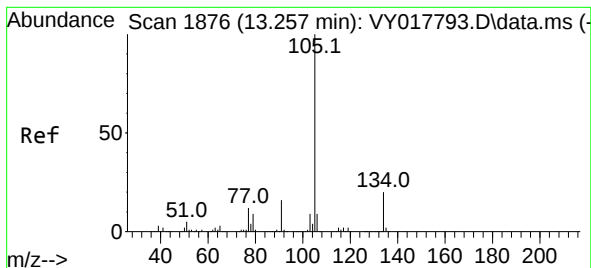
Tgt Ion:105 Resp: 94412

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.91 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

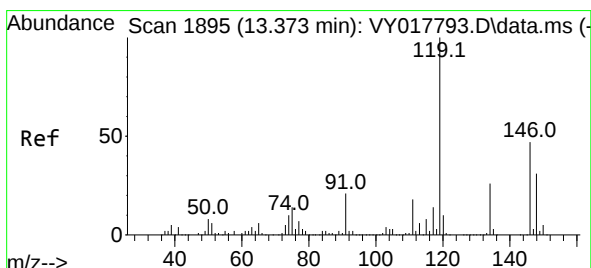
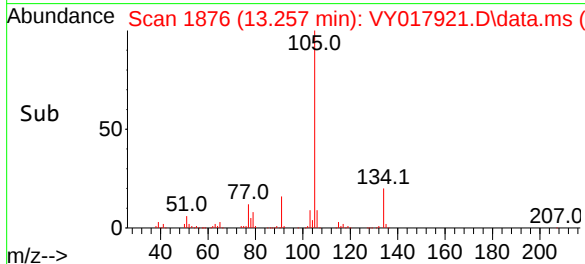
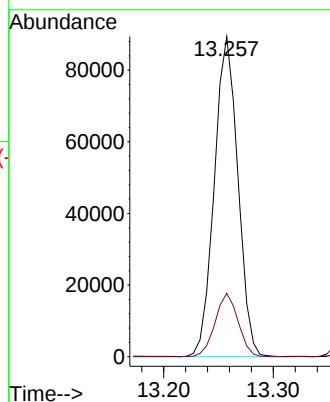
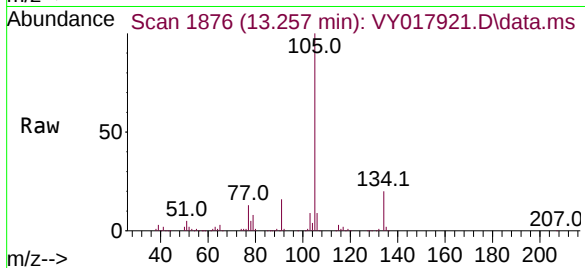
ClientSampleId :

Tgt Ion:105 Resp: 133709

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 17.96 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

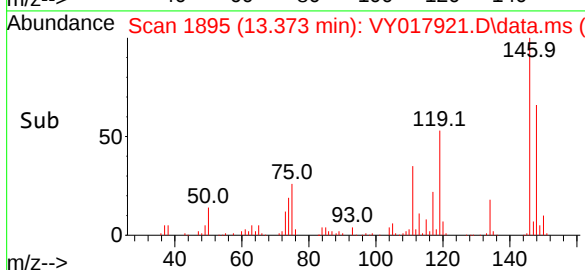
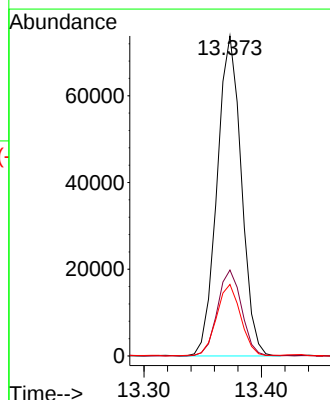
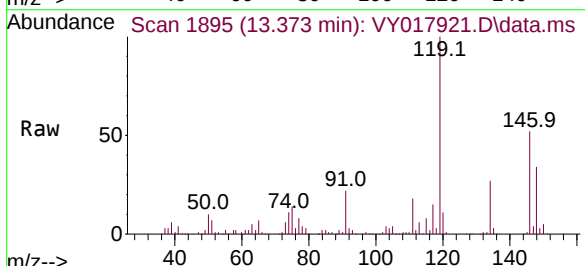
Tgt Ion:119 Resp: 106111

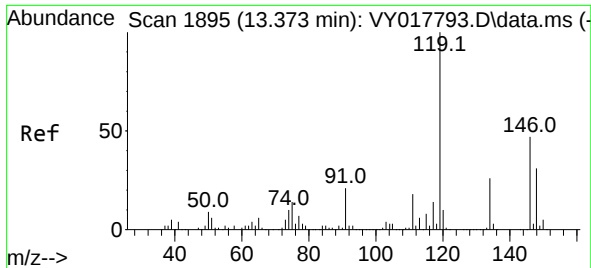
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.81 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

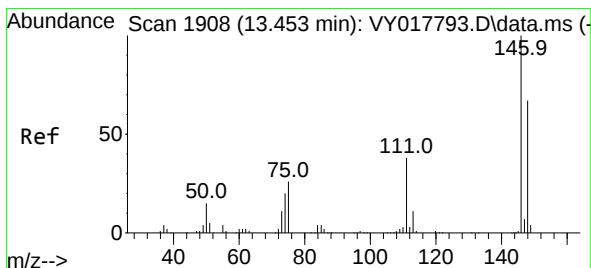
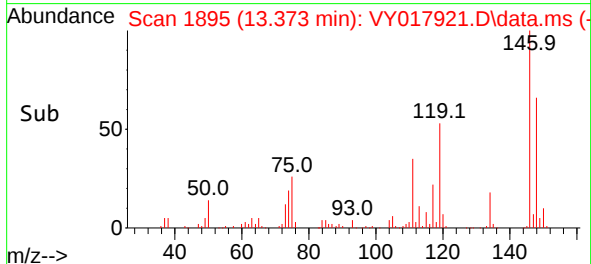
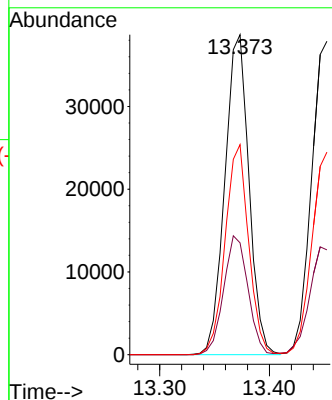
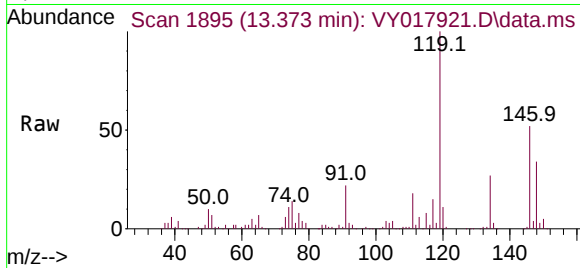
Tgt Ion:146 Resp: 59016

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.34 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

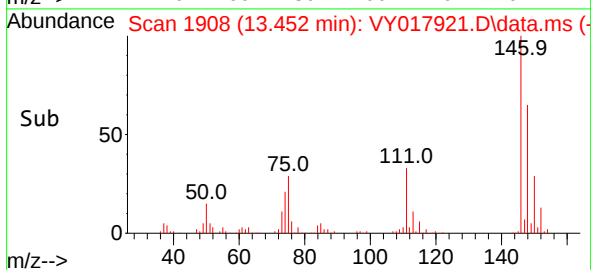
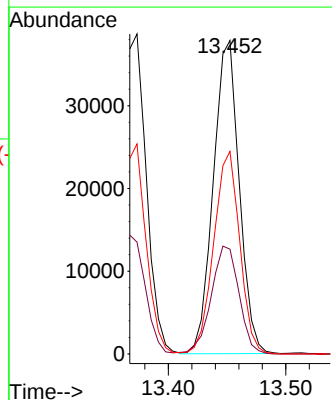
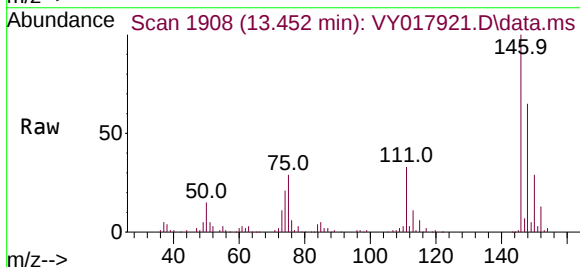
Tgt Ion:146 Resp: 58075

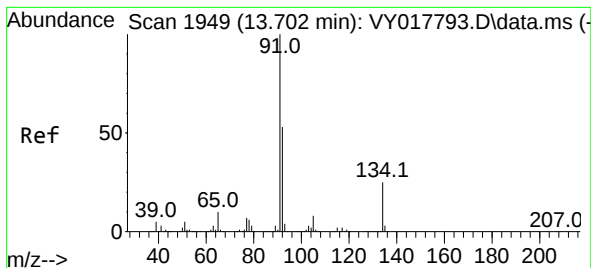
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 18.33 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017921.D

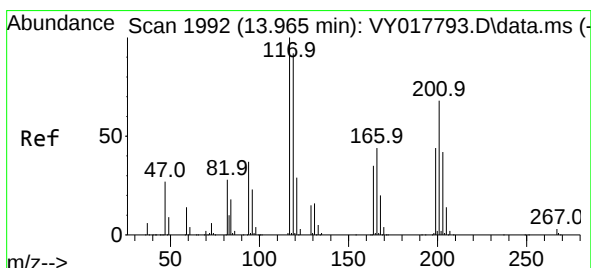
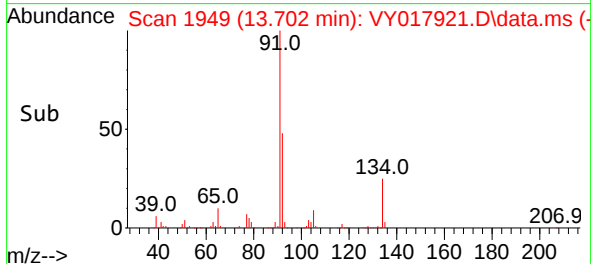
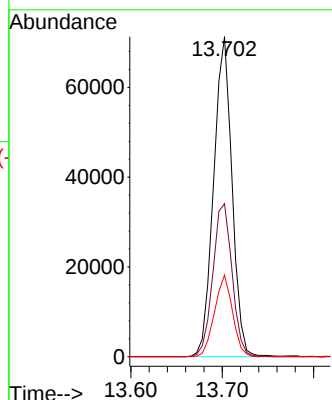
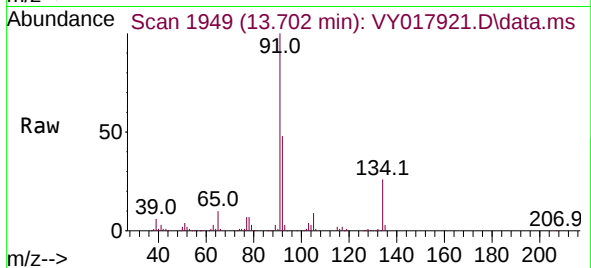
Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	99665
Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.6	79.7
134	24.9	12.9	38.7



#90

Hexachloroethane

Concen: 19.01 ug/l

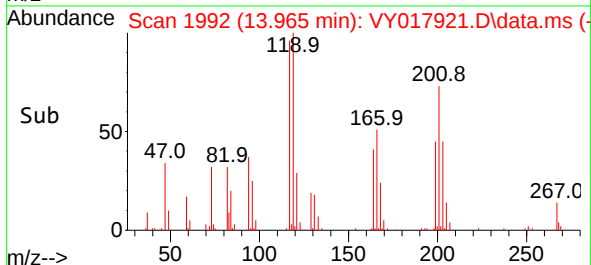
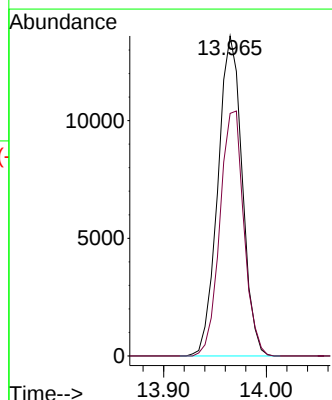
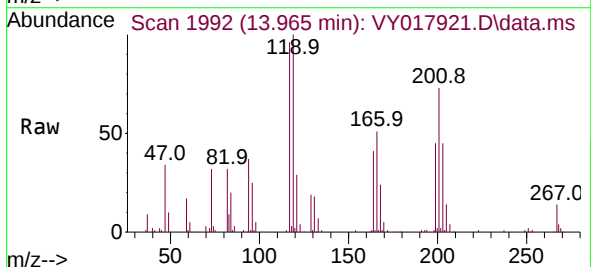
RT: 13.965 min Scan# 1992

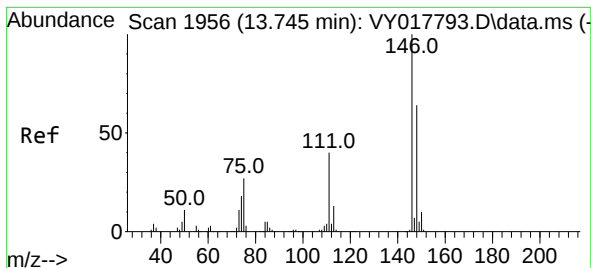
Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion:	117	Resp:	22335
Ion	Ratio	Lower	Upper
117	100		
201	75.5	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 19.58 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017921.D

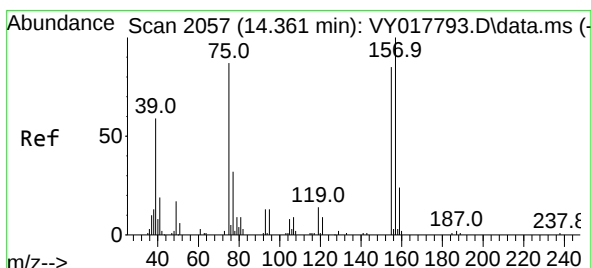
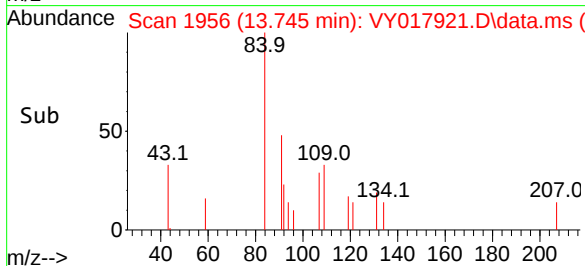
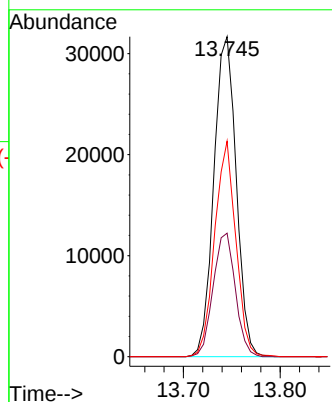
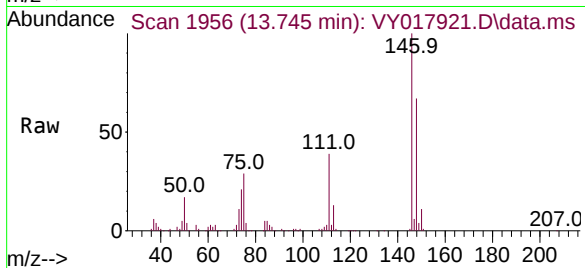
Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	50910
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.9	59.7
148	63.8	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.66 ug/l

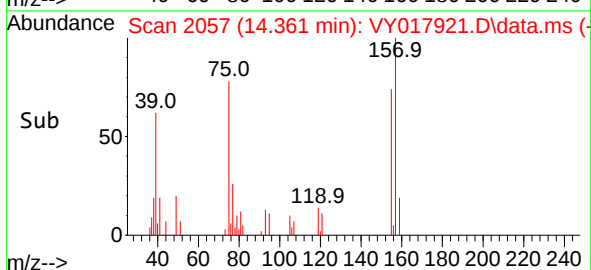
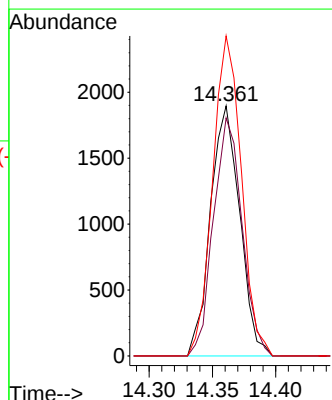
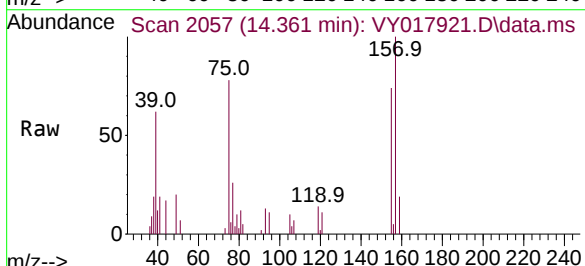
RT: 14.361 min Scan# 2057

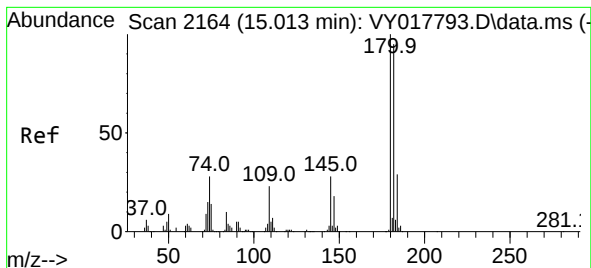
Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion:	75	Resp:	3050
Ion	Ratio	Lower	Upper
75	100		
155	93.0	48.6	145.8
157	125.0	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 35.89 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

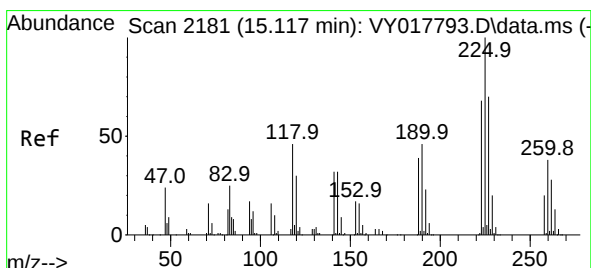
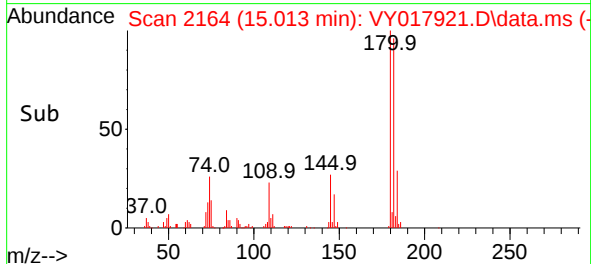
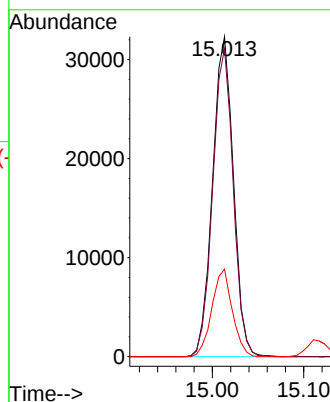
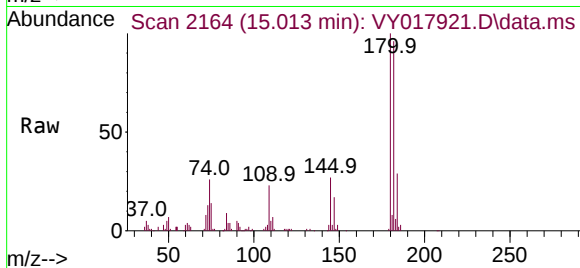
Tgt Ion:180 Resp: 51114

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 26.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 33.67 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

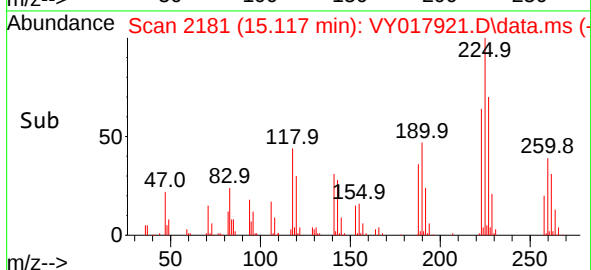
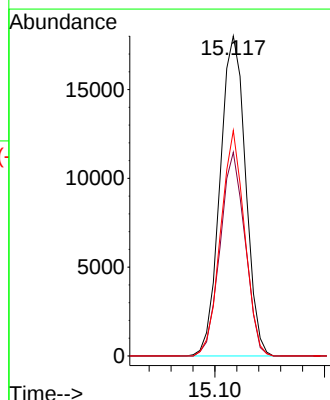
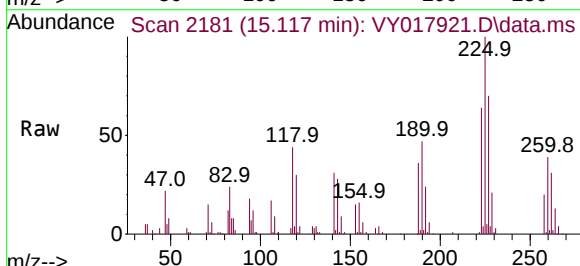
Tgt Ion:225 Resp: 29072

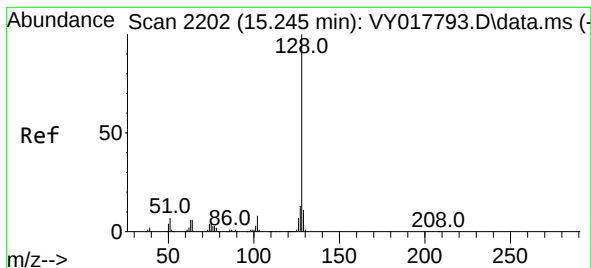
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 66.1 31.9 95.9





#95

Naphthalene

Concen: 30.15 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017921.D

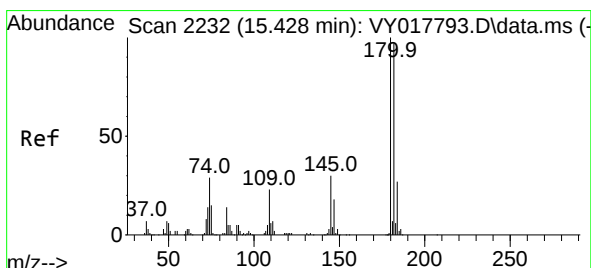
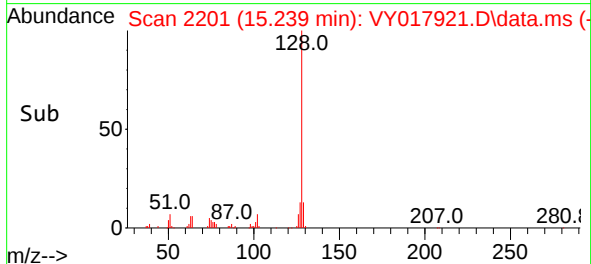
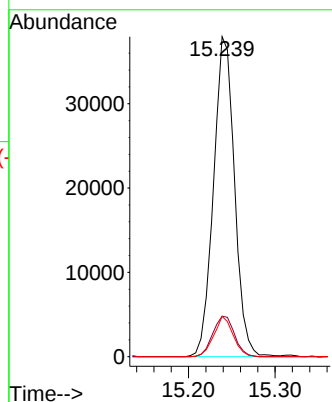
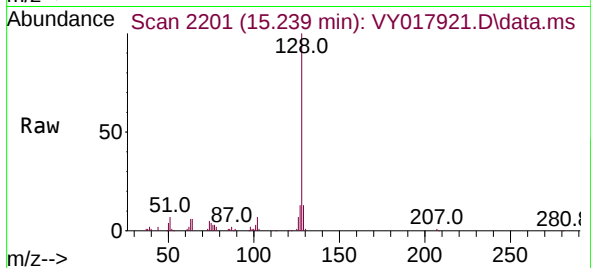
Acq: 12 Apr 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	63998
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.6 16.0
129	11.6	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.29 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017921.D

Acq: 12 Apr 2024 13:01

Tgt Ion:180	Resp:	29228
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.6 142.9
145	28.8	15.4 46.1

