

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018859.D
 Acq On : 18 Jul 2024 10:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 01:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	109526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51449	47.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.710	113	51326	48.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.179	98	184845	46.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.483	95	63200	46.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43442	47.335	ug/l	98
3) Chloromethane	2.107	50	64869	46.513	ug/l	94
4) Vinyl Chloride	2.241	62	77822	47.701	ug/l	98
5) Bromomethane	2.643	94	54566	48.624	ug/l	97
6) Chloroethane	2.784	64	52436	49.472	ug/l	97
7) Trichlorofluoromethane	3.107	101	105182	49.338	ug/l	99
8) Diethyl Ether	3.521	74	25910	49.865	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	53810	49.195	ug/l	95
10) Methyl Iodide	4.076	142	59032	50.118	ug/l	93
11) Tert butyl alcohol	4.936	59	20516	187.914	ug/l #	76
12) 1,1-Dichloroethene	3.857	96	50466	47.692	ug/l	90
13) Acrolein	3.716	56	14050	160.623	ug/l	97
14) Allyl chloride	4.466	41	66915	51.044	ug/l	92
15) Acrylonitrile	5.149	53	54254	264.675	ug/l	98
16) Acetone	3.930	43	60758	305.781	ug/l #	85
17) Carbon Disulfide	4.180	76	140650	47.469	ug/l	99
18) Methyl Acetate	4.460	43	29527	51.143	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	129293	52.672	ug/l	92
20) Methylene Chloride	4.698	84	60695	54.372	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	54463	48.766	ug/l	95
22) Diisopropyl ether	6.112	45	144453	50.657	ug/l	96
23) Vinyl Acetate	6.045	43	594598	264.671	ug/l	96
24) 1,1-Dichloroethane	6.003	63	89958	49.410	ug/l	98
25) 2-Butanone	6.972	43	78944	283.442	ug/l	92
26) 2,2-Dichloropropane	6.972	77	85537	50.634	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	64088	49.289	ug/l	97
28) Bromochloromethane	7.325	49	36744	50.248	ug/l	99
29) Tetrahydrofuran	7.338	42	44554	260.933	ug/l	95
30) Chloroform	7.496	83	104036	51.272	ug/l	97
31) Cyclohexane	7.777	56	75452	45.569	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	96186	50.977	ug/l	98
36) 1,1-Dichloropropene	7.905	75	71674	49.421	ug/l	99
37) Ethyl Acetate	7.063	43	32686	54.221	ug/l	97
38) Carbon Tetrachloride	7.892	117	90081	51.571	ug/l	97
39) Methylcyclohexane	9.179	83	93610	50.367	ug/l	98
40) Benzene	8.149	78	216422	51.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	15465	44.997	ug/l	95
42) 1,2-Dichloroethane	8.228	62	60751	51.575	ug/l	97
43) Isopropyl Acetate	8.270	43	62214	51.866	ug/l	95
44) Trichloroethene	8.935	130	61785	51.376	ug/l	99
45) 1,2-Dichloropropane	9.209	63	46872	51.162	ug/l	99
46) Dibromomethane	9.301	93	31712	53.402	ug/l	99
47) Bromodichloromethane	9.490	83	79673	53.706	ug/l	98
48) Methyl methacrylate	9.289	41	30088	55.185	ug/l #	84
49) 1,4-Dioxane	9.289	88	7527	1081.295	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	166139	271.282	ug/l	95
52) Toluene	10.240	92	140713	50.321	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	69302	54.106	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	80675	53.688	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	39755	52.867	ug/l	98
56) Ethyl methacrylate	10.508	69	54775	55.327	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	66135	53.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	124537	263.297	ug/l	93
59) 2-Hexanone	10.831	43	121429	283.416	ug/l	92
60) Dibromochloromethane	10.977	129	56997	55.164	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38995	53.340	ug/l	100
64) Tetrachloroethene	10.715	164	63496	53.362	ug/l	94
65) Chlorobenzene	11.514	112	159896	51.561	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	57201	53.536	ug/l	96
67) Ethyl Benzene	11.593	91	275969	50.798	ug/l	94
68) m/p-Xylenes	11.703	106	218121	102.315	ug/l	98
69) o-Xylene	12.026	106	104231	52.005	ug/l	100
70) Styrene	12.044	104	170874	51.095	ug/l	97
71) Bromoform	12.209	173	32345	55.538	ug/l #	98
73) Isopropylbenzene	12.325	105	272592	51.117	ug/l	99
74) N-amyl acetate	12.142	43	59527	54.583	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	42781	50.889	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	58360	102.263	ug/l #	100
77) Bromobenzene	12.611	156	66358	52.124	ug/l	92
78) n-propylbenzene	12.672	91	321067	50.700	ug/l	97
79) 2-Chlorotoluene	12.757	91	181430	50.952	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	219571	50.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	14091	55.261	ug/l	87
82) 4-Chlorotoluene	12.855	91	184746	50.386	ug/l	96
83) tert-Butylbenzene	13.074	119	206744	51.323	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	217590	50.184	ug/l	99
85) sec-Butylbenzene	13.251	105	298118	52.138	ug/l	97
86) p-Isopropyltoluene	13.367	119	253777	51.411	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	128257	51.295	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125214	50.527	ug/l	98
89) n-Butylbenzene	13.696	91	229180	51.212	ug/l	98
90) Hexachloroethane	13.958	117	47292	51.516	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	112104	51.904	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6910	50.727	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	70180	53.228	ug/l	98
94) Hexachlorobutadiene	15.111	225	40060	52.713	ug/l	99
95) Naphthalene	15.233	128	123147	54.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61072	54.137	ug/l	97

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QLast Update : Tue Jul 09 14:28:51 2024
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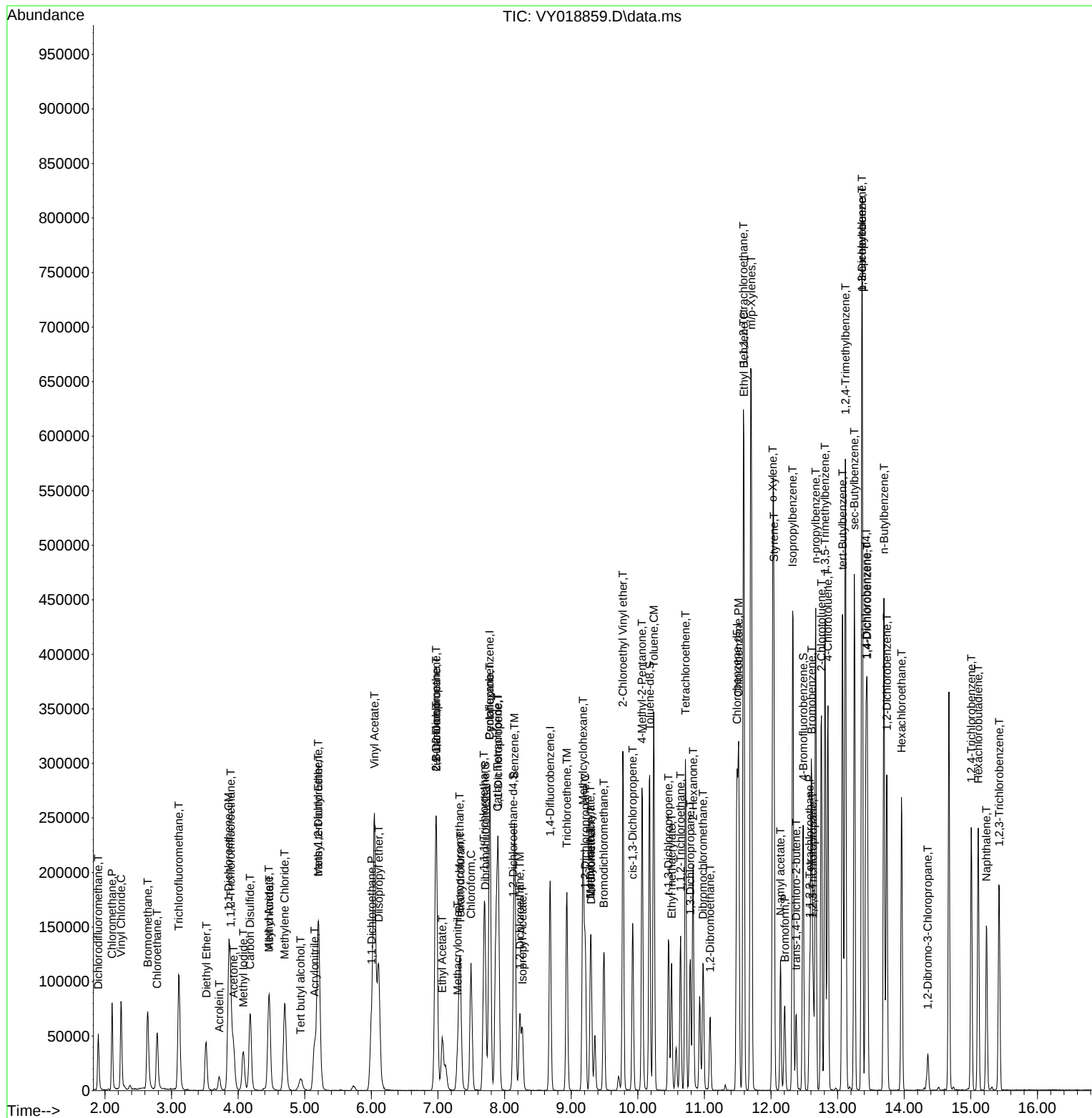
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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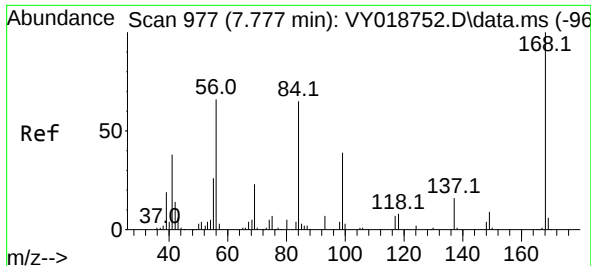
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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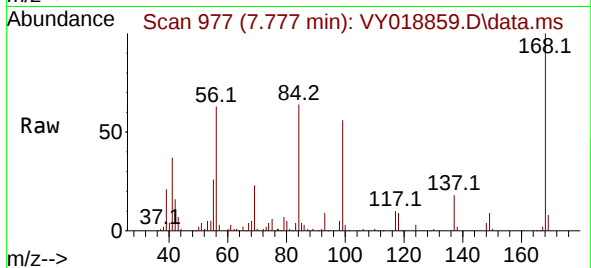
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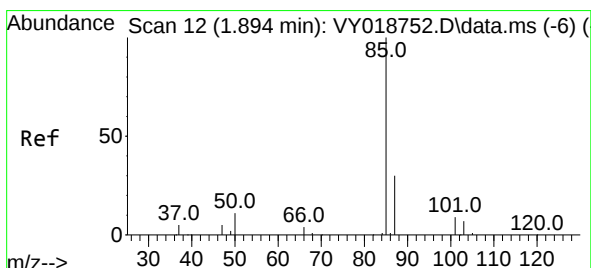
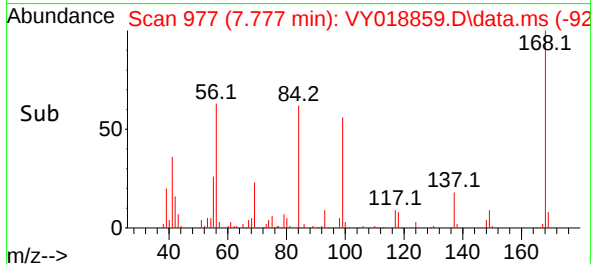
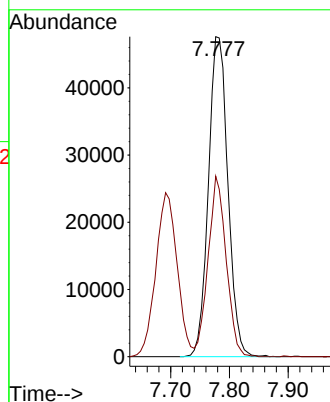


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
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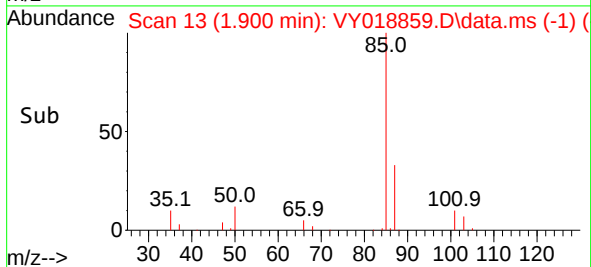
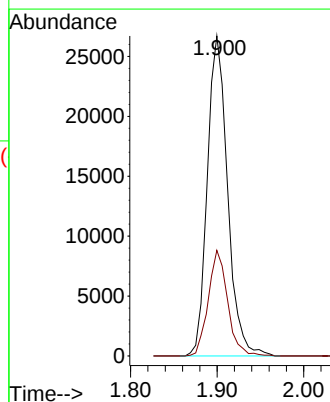
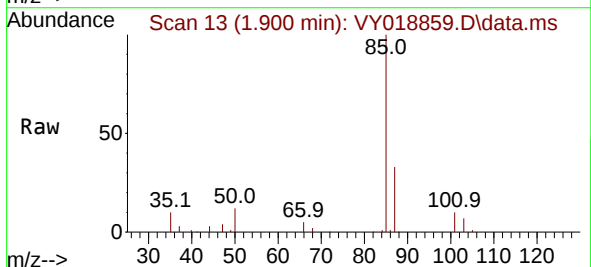


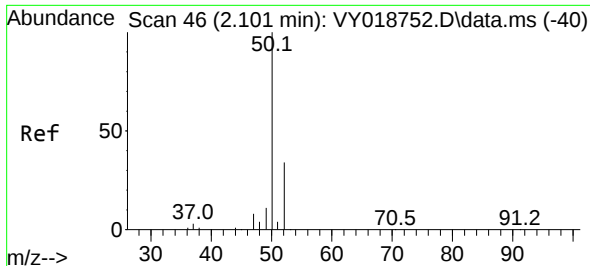
Tgt Ion:168 Resp: 109526
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.335 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 85 Resp: 43442
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

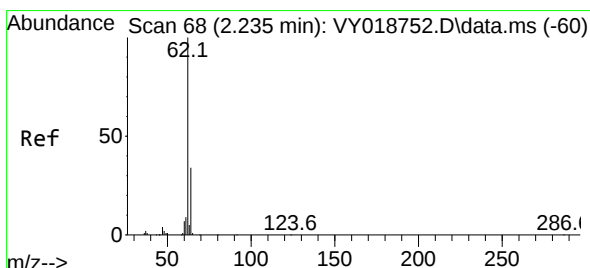
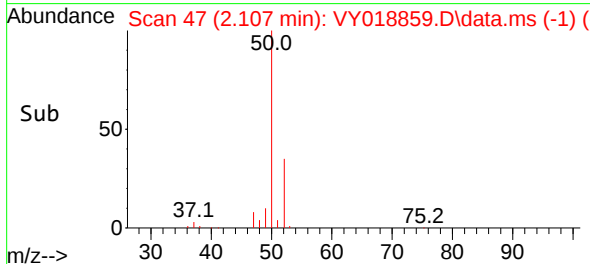
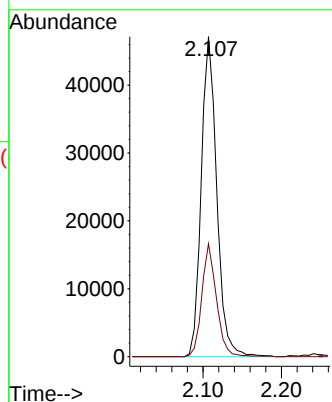
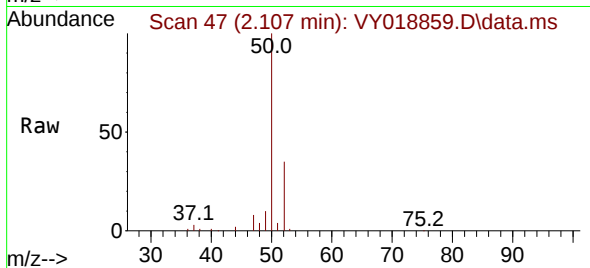




#3
Chloromethane
Concen: 46.513 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

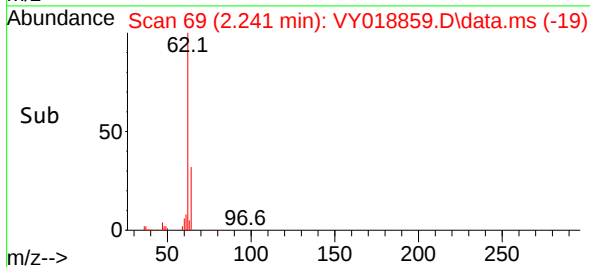
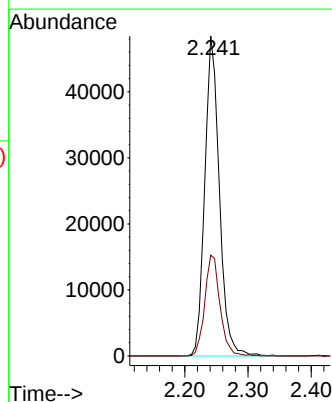
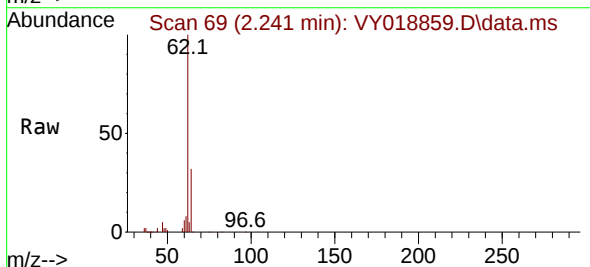
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 64869
Ion Ratio Lower Upper
50 100
52 35.3 25.6 38.4



#4
Vinyl Chloride
Concen: 47.701 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 62 Resp: 77822
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

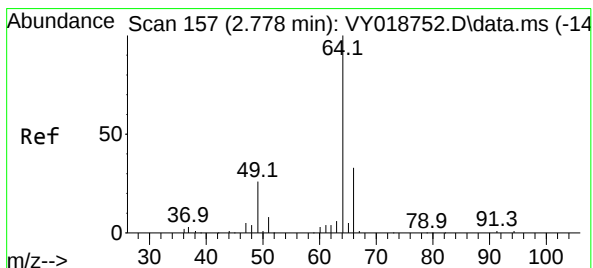
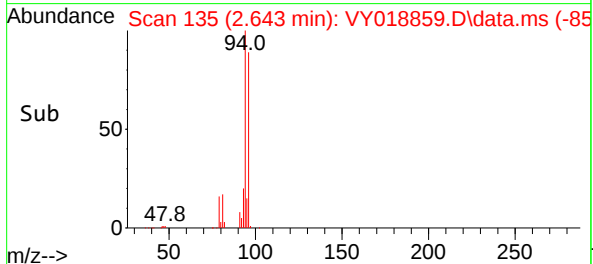
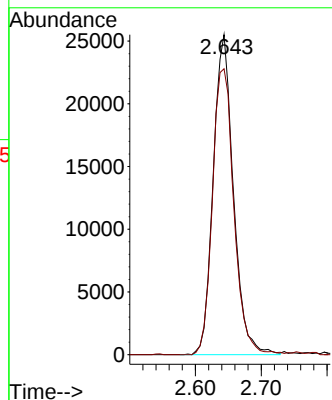
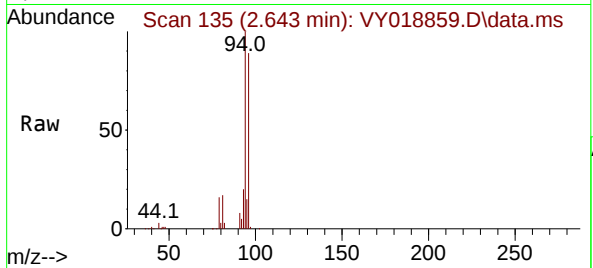




#5
Bromomethane
Concen: 48.624 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

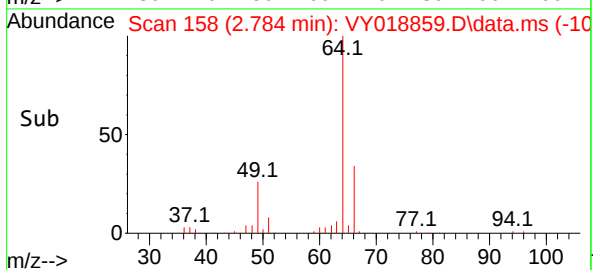
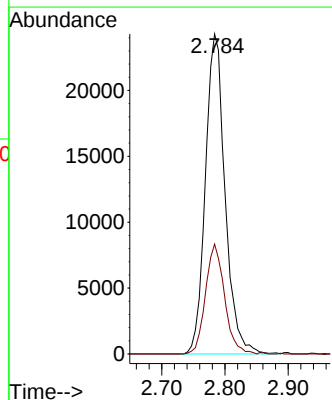
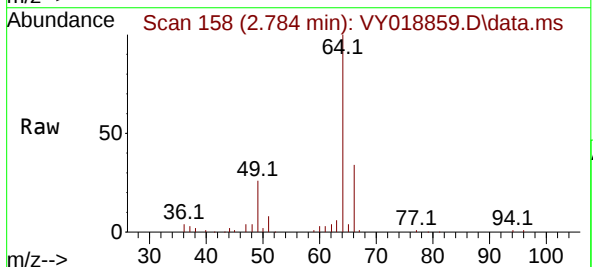
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 54566
Ion Ratio Lower Upper
94 100
96 89.3 74.1 111.1



#6
Chloroethane
Concen: 49.472 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

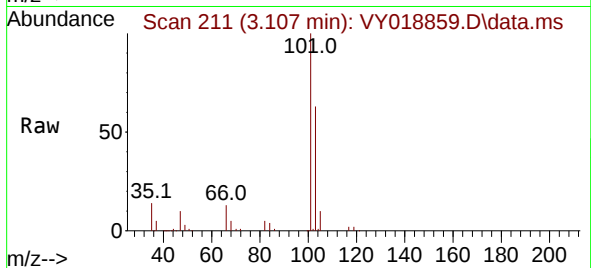
Tgt Ion: 64 Resp: 52436
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1



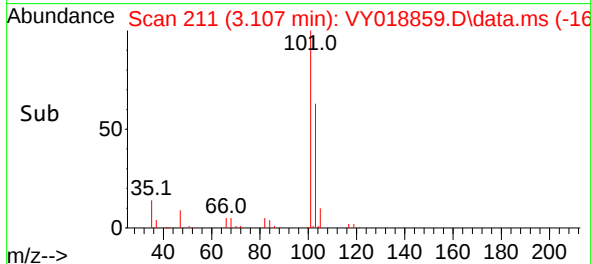
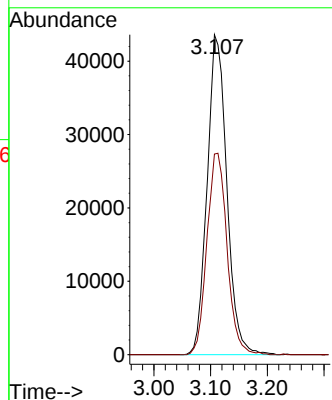


#7
 Trichlorofluoromethane
 Concen: 49.338 ug/l
 RT: 3.107 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VY018859.D
 Acq: 18 Jul 2024 10:23

Instrument :
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 ClientSampleId :

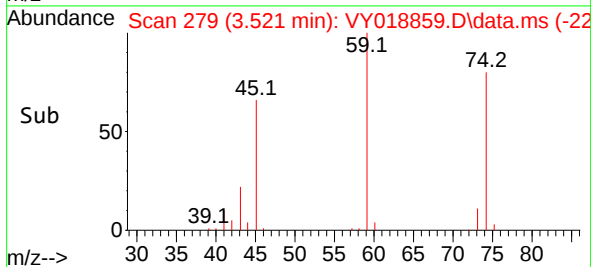
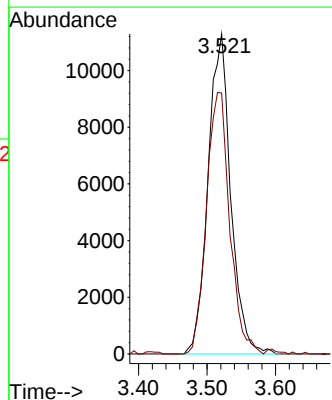
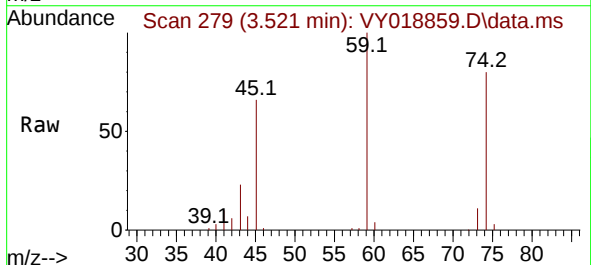


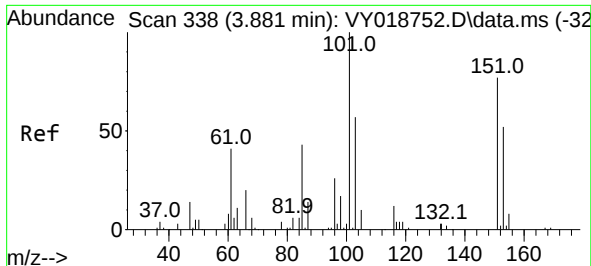
Tgt Ion:101 Resp: 105182
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.865 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018859.D
 Acq: 18 Jul 2024 10:23

Tgt Ion: 74 Resp: 25910
 Ion Ratio Lower Upper
 74 100
 45 84.1 41.3 124.1

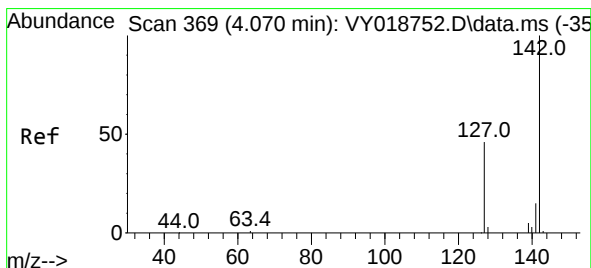
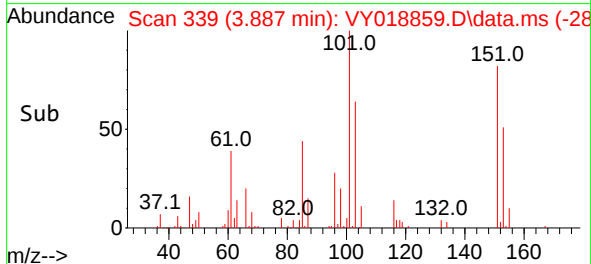
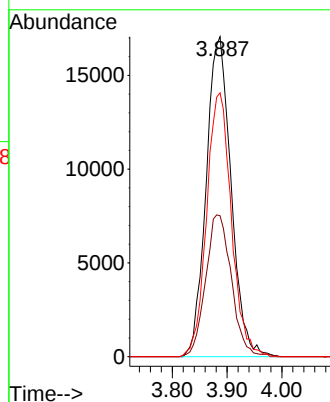
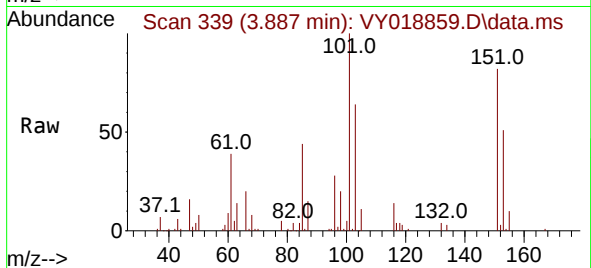




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.195 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018859.D
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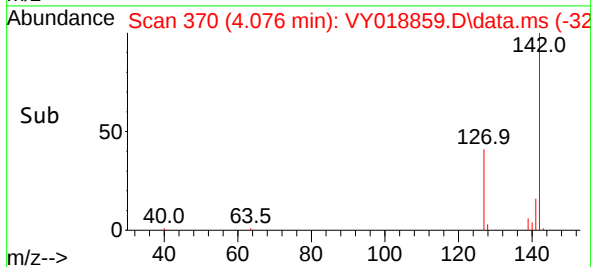
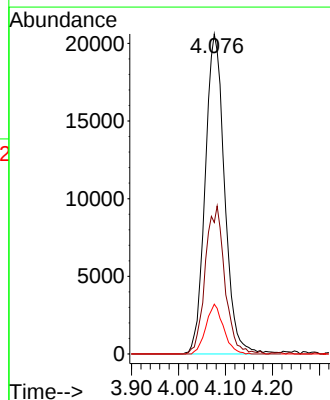
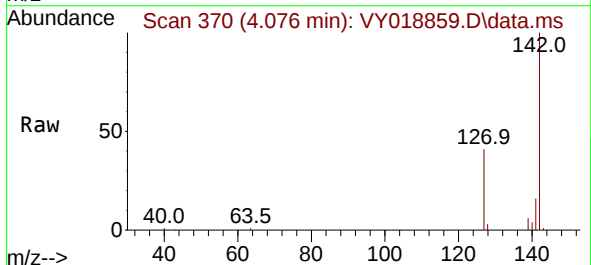
Instrument :
MSVOA_Y
ClientSampleId :

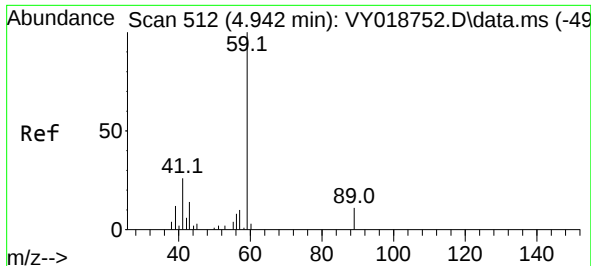
Tgt Ion:101 Resp: 53810
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 81.9 61.7 92.5



#10
Methyl Iodide
Concen: 50.118 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion:142 Resp: 59032
Ion Ratio Lower Upper
142 100
127 46.5 32.8 49.2
141 14.1 11.4 17.2

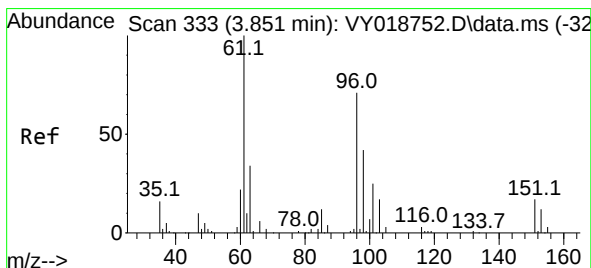
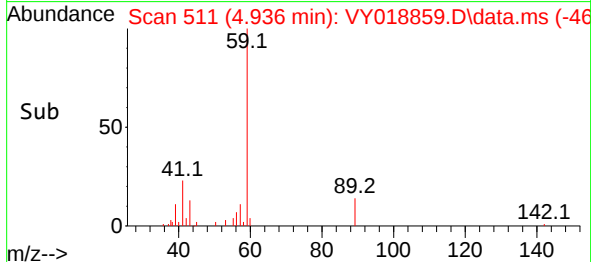
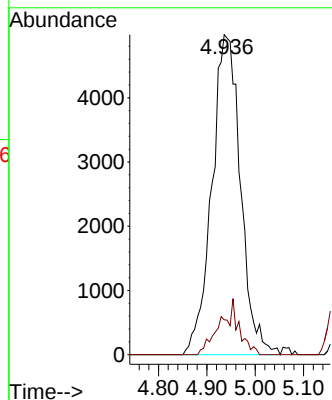
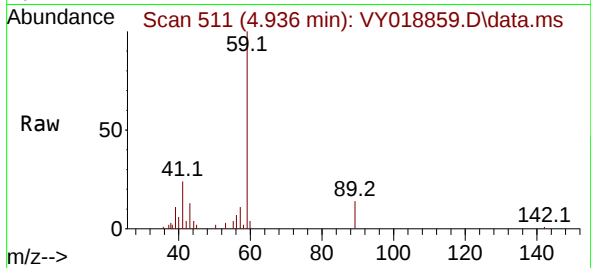




#11
Tert butyl alcohol
Concen: 187.914 ug/l
RT: 4.936 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

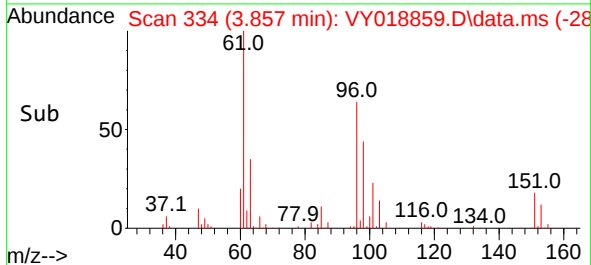
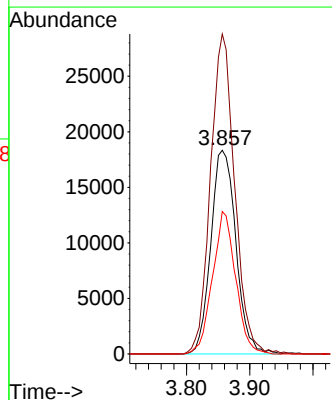
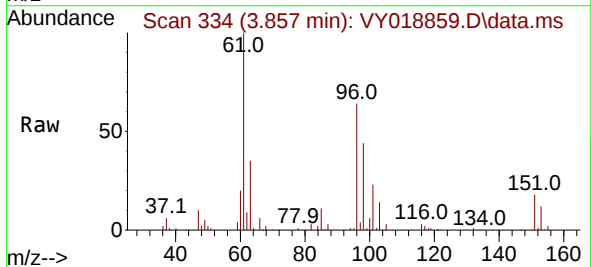
Instrument :
MSVOA_Y
ClientSampleId :

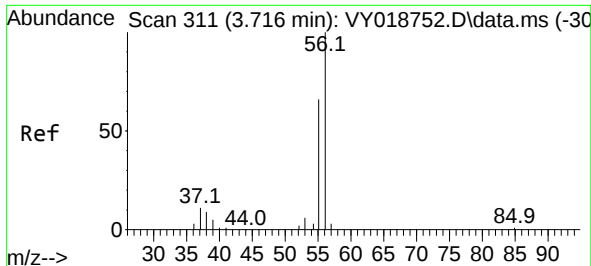
Tgt Ion: 59 Resp: 20516
Ion Ratio Lower Upper
59 100
57 11.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.692 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

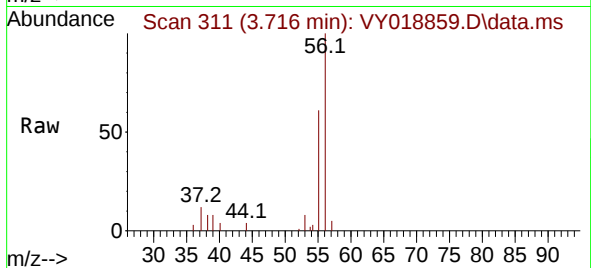
Tgt Ion: 96 Resp: 50466
Ion Ratio Lower Upper
96 100
61 157.0 114.6 171.8
98 69.9 50.8 76.2



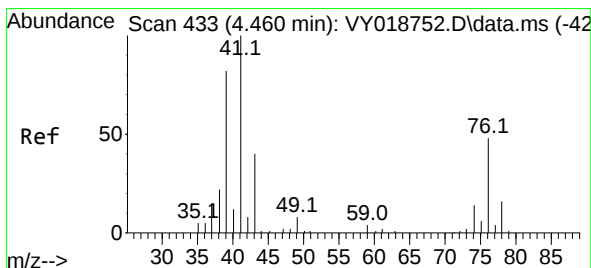
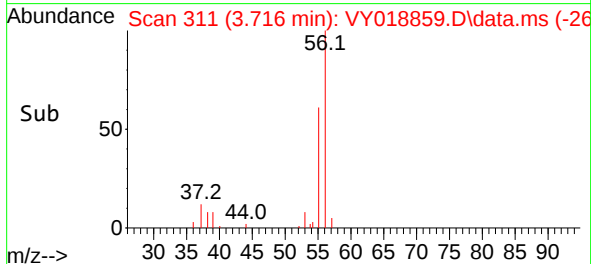
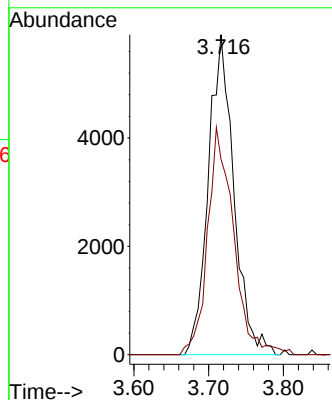


#13
Acrolein
Concen: 160.623 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

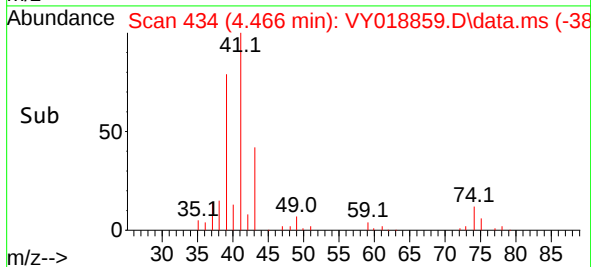
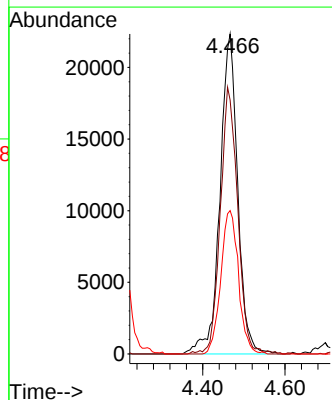
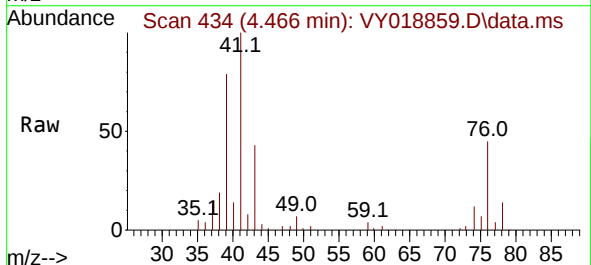


Tgt Ion: 56 Resp: 14050
Ion Ratio Lower Upper
56 100
55 72.4 55.7 83.5



#14
Allyl chloride
Concen: 51.044 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

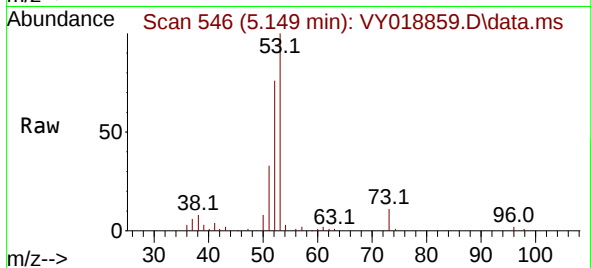
Tgt Ion: 41 Resp: 66915
Ion Ratio Lower Upper
41 100
39 81.3 58.3 87.5
76 44.7 39.0 58.6



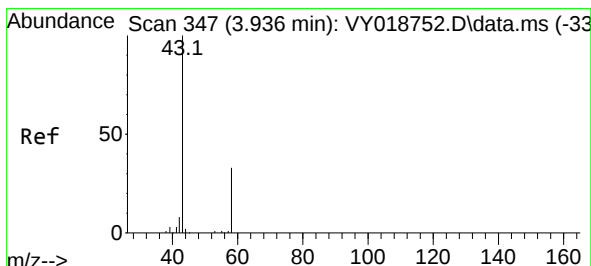
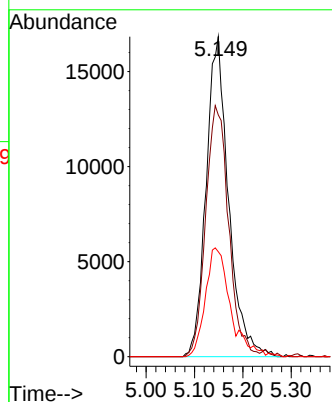
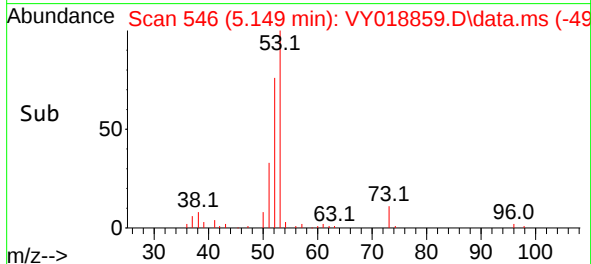


#15
Acrylonitrile
Concen: 264.675 ug/l
RT: 5.149 min Scan# 544
Delta R.T. 0.012 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

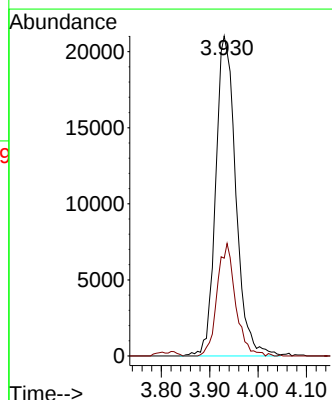
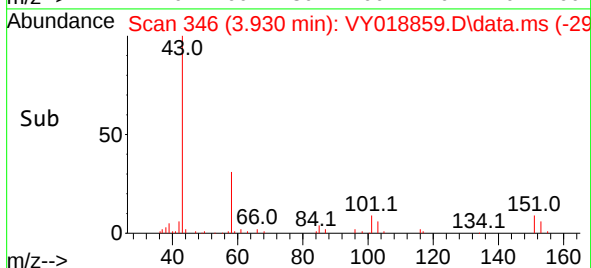
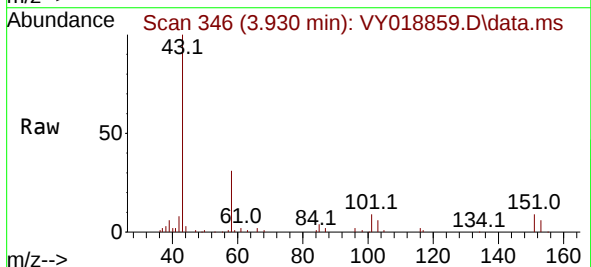


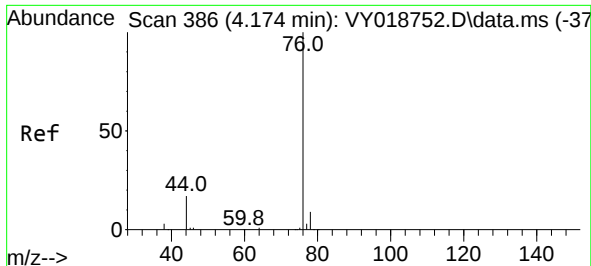
Tgt Ion: 53 Resp: 54254
Ion Ratio Lower Upper
53 100
52 80.0 64.7 97.1
51 38.0 28.4 42.6



#16
Acetone
Concen: 305.781 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 43 Resp: 60758
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#

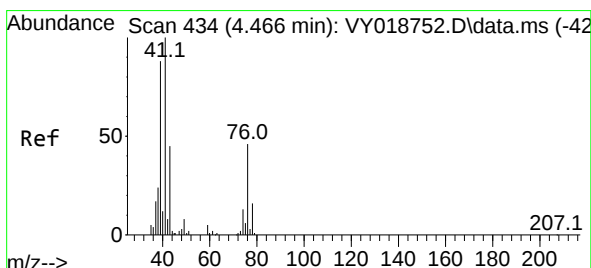
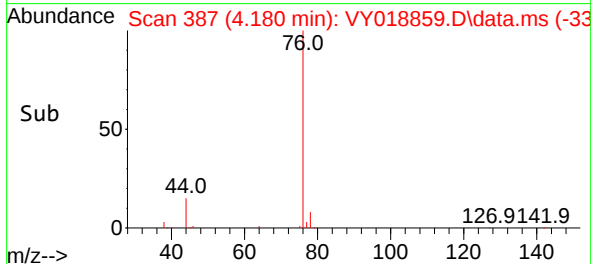
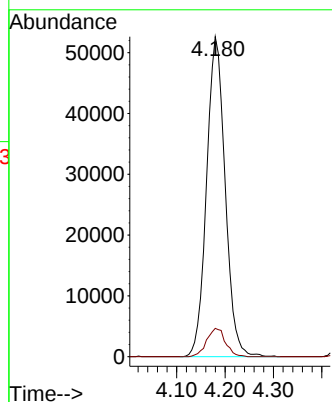
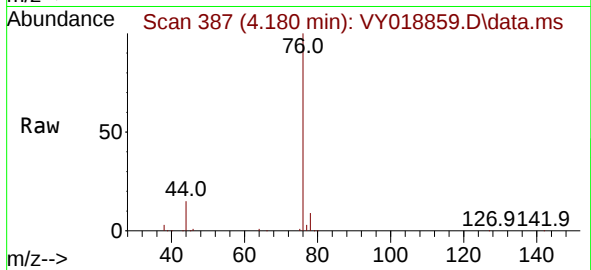




#17
Carbon Disulfide
Concen: 47.469 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

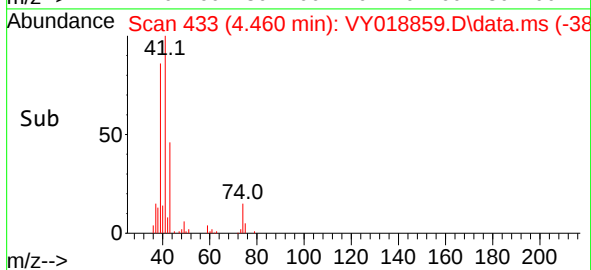
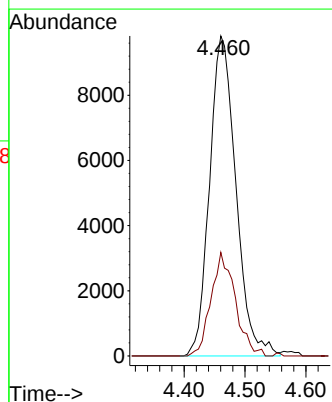
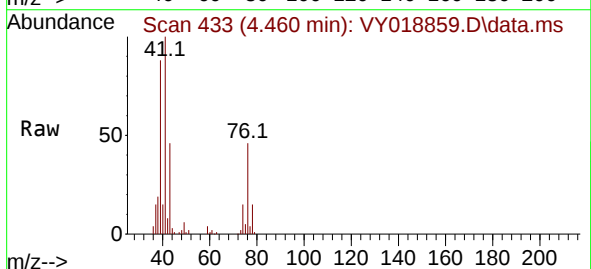
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 140650
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 51.143 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 43 Resp: 29527
Ion Ratio Lower Upper
43 100
74 29.8 23.3 34.9

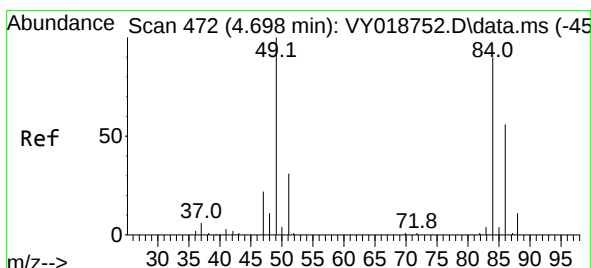
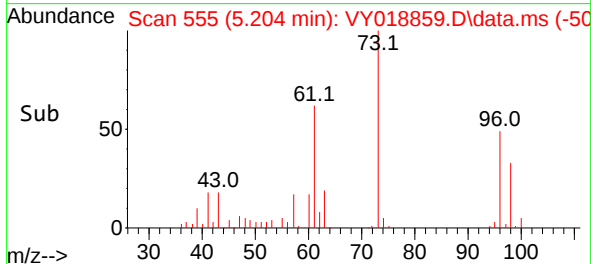
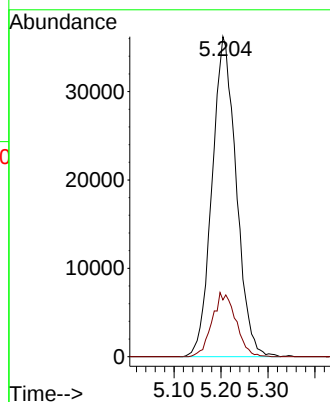
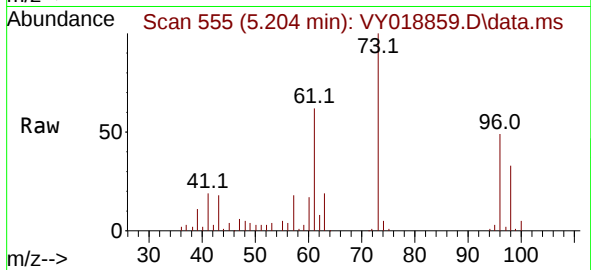




#19
Methyl tert-butyl Ether
Concen: 52.672 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

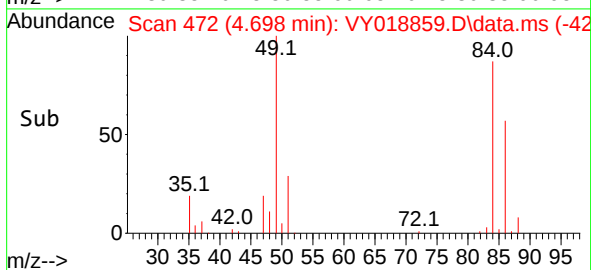
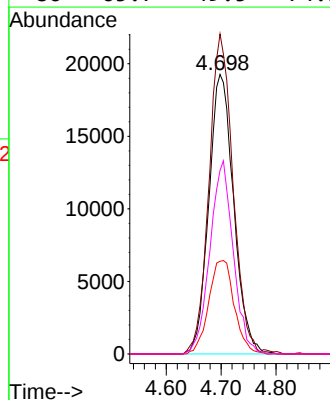
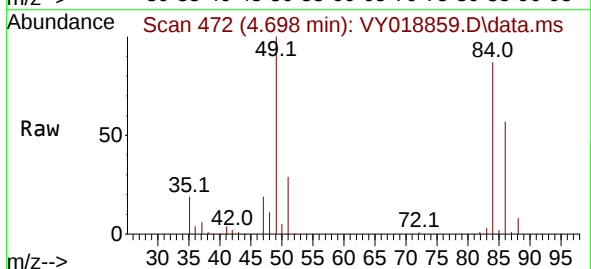
Instrument :
MSVOA_Y
ClientSampleId :

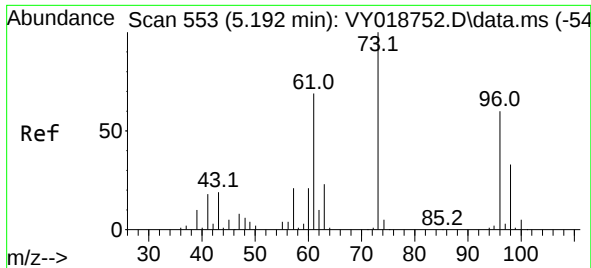
Tgt Ion: 73 Resp: 129293
Ion Ratio Lower Upper
73 100
57 17.8 17.3 25.9



#20
Methylene Chloride
Concen: 54.372 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 84 Resp: 60695
Ion Ratio Lower Upper
84 100
49 114.5 84.4 126.6
51 33.2 26.0 39.0
86 65.7 49.5 74.3

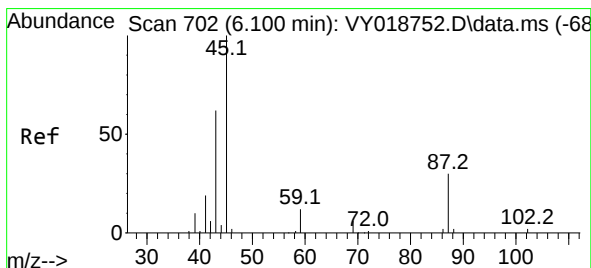
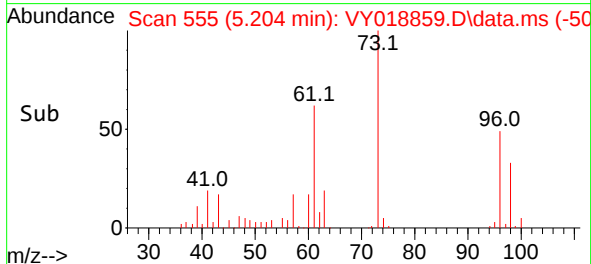
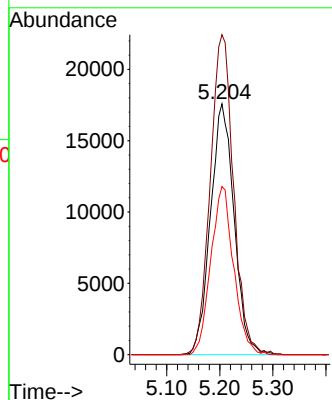
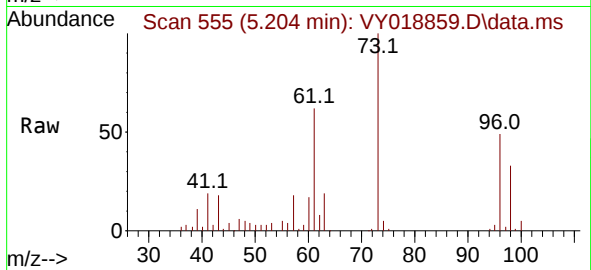




#21
trans-1,2-Dichloroethene
Concen: 48.766 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

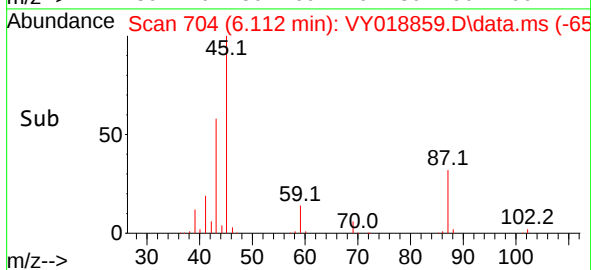
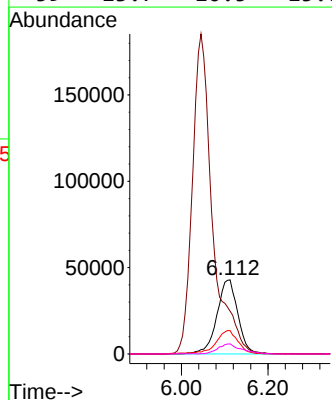
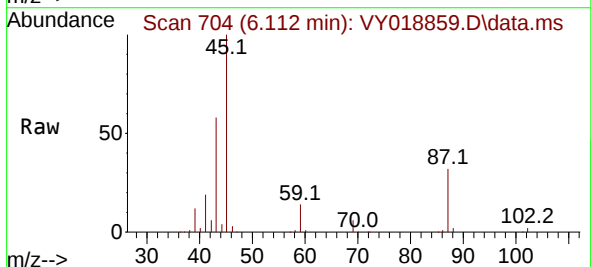
Instrument :
MSVOA_Y
ClientSampleId :

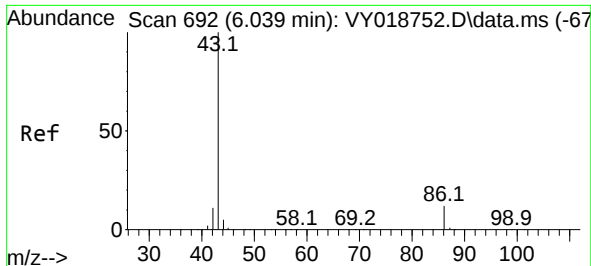
Tgt Ion: 96 Resp: 54463
Ion Ratio Lower Upper
96 100
61 127.5 97.5 146.3
98 67.0 50.5 75.7



#22
Diisopropyl ether
Concen: 50.657 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.012 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 45 Resp: 144453
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 31.6 25.0 37.6
59 13.7 10.5 15.7

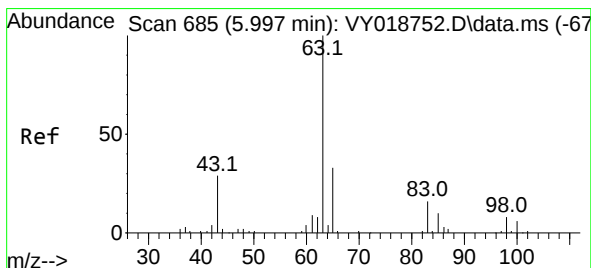
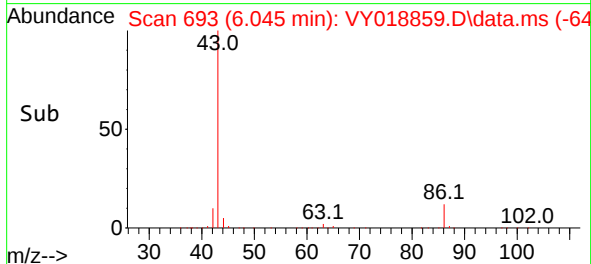
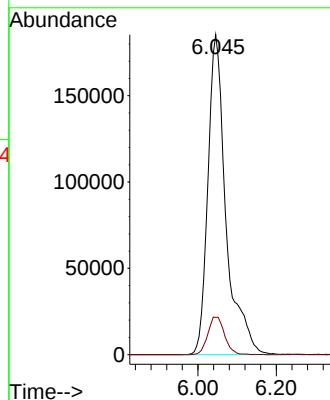
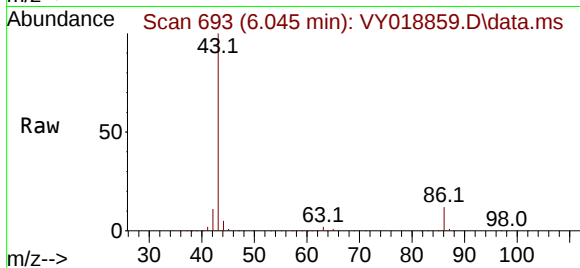




#23
 Vinyl Acetate
 Concen: 264.671 ug/l
 RT: 6.045 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY018859.D
 Acq: 18 Jul 2024 10:23

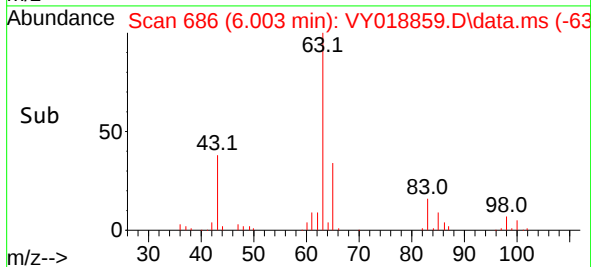
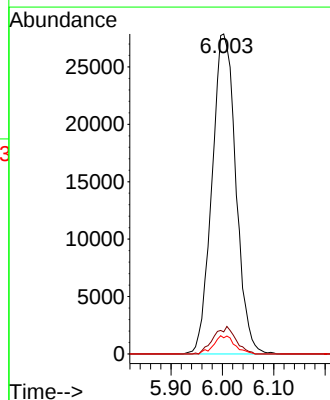
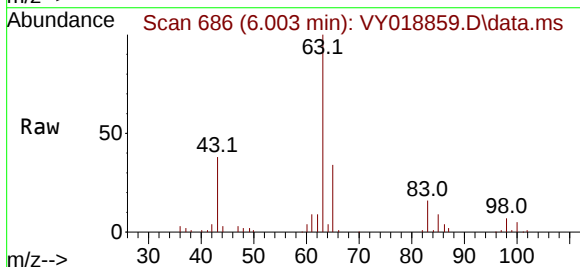
Instrument :
 MSVOA_Y
 ClientSampleId :

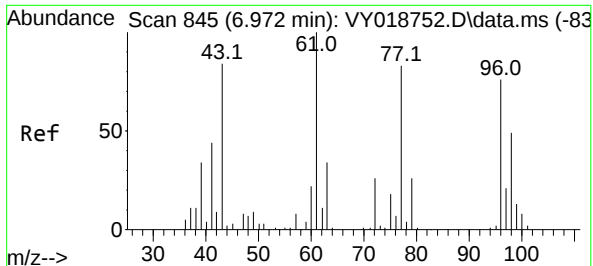
Tgt Ion: 43 Resp: 594598
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.410 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018859.D
 Acq: 18 Jul 2024 10:23

Tgt Ion: 63 Resp: 89958
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 283.442 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

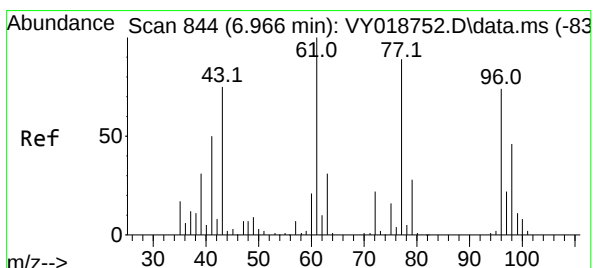
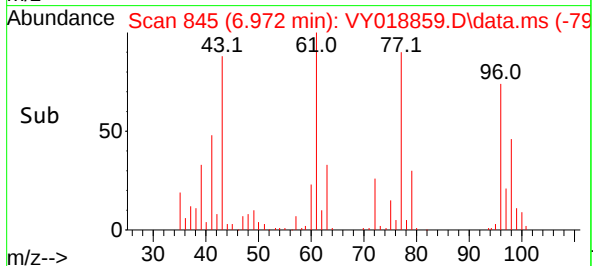
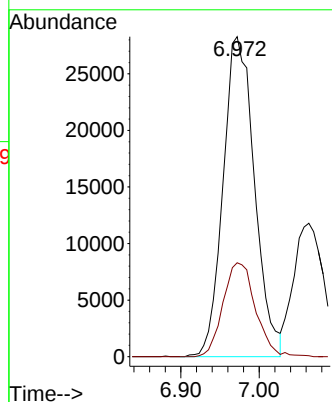
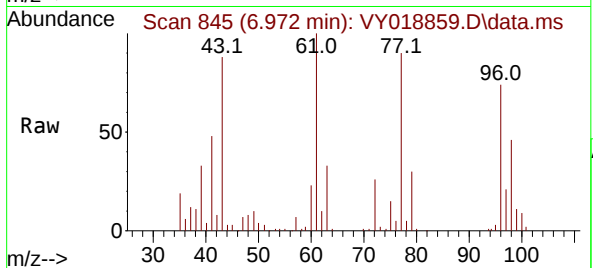
ClientSampleId :

Tgt Ion: 43 Resp: 78944

Ion Ratio Lower Upper

43 100

72 29.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.634 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018859.D

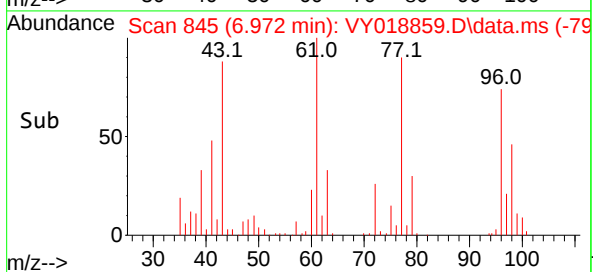
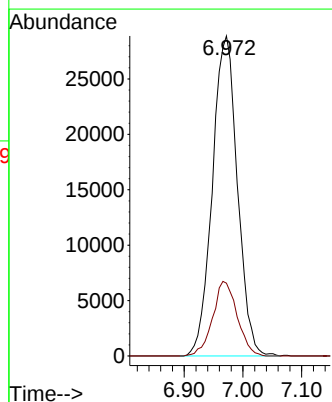
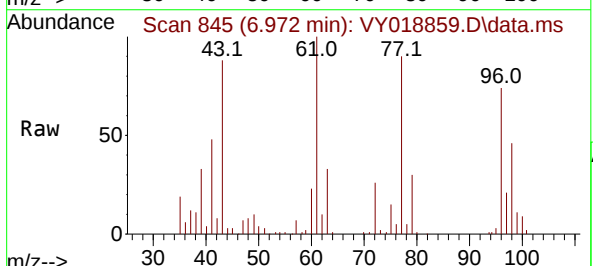
Acq: 18 Jul 2024 10:23

Tgt Ion: 77 Resp: 85537

Ion Ratio Lower Upper

77 100

97 22.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.289 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

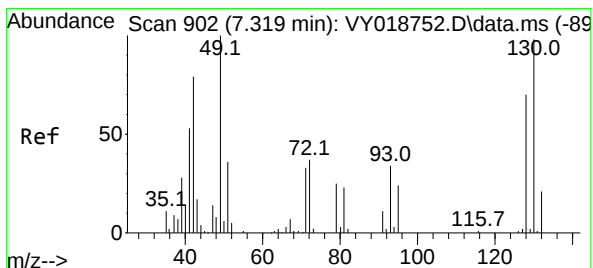
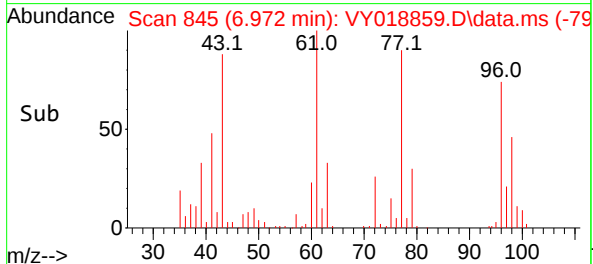
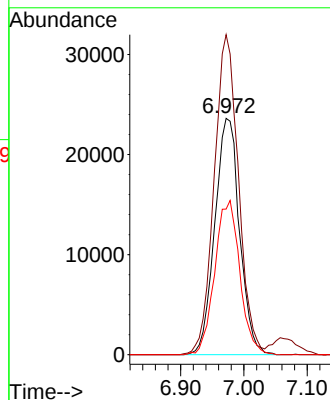
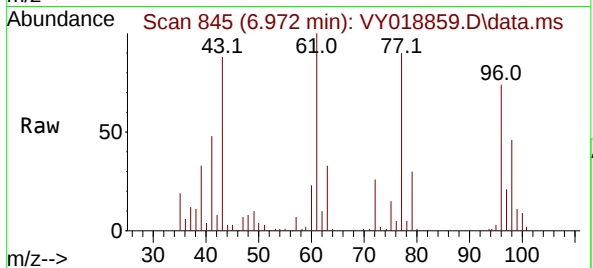
Tgt Ion: 96 Resp: 64088

Ion Ratio Lower Upper

96 100

61 133.2 0.0 256.2

98 66.0 0.0 130.0



#28

Bromochloromethane

Concen: 50.248 ug/l

RT: 7.325 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

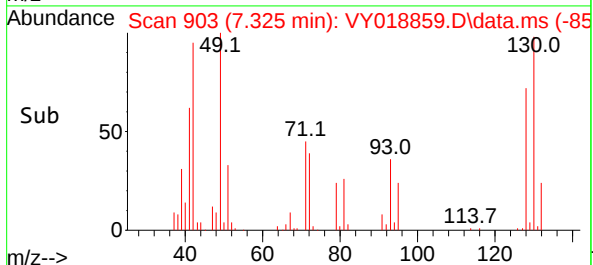
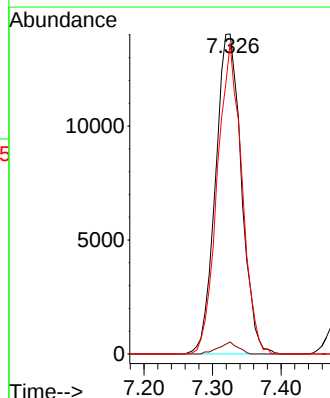
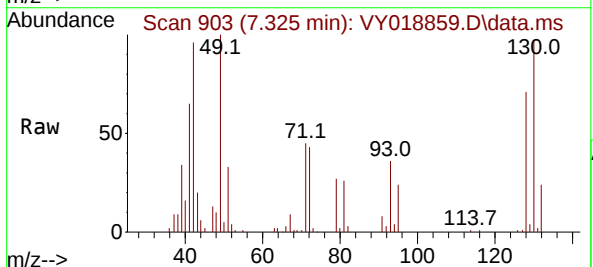
Tgt Ion: 49 Resp: 36744

Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 92.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 260.933 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

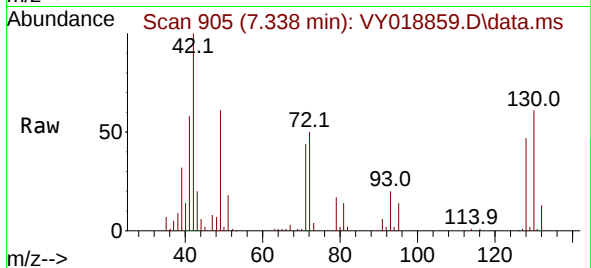
Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :



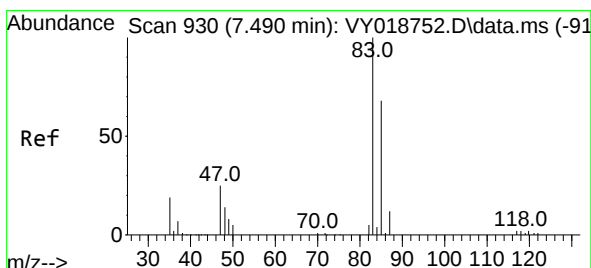
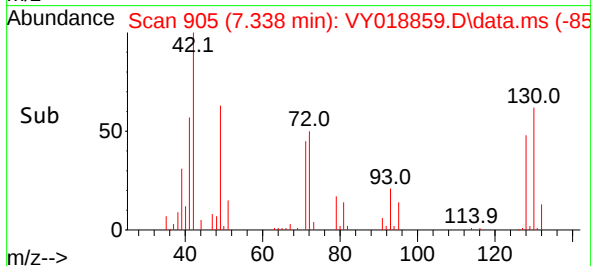
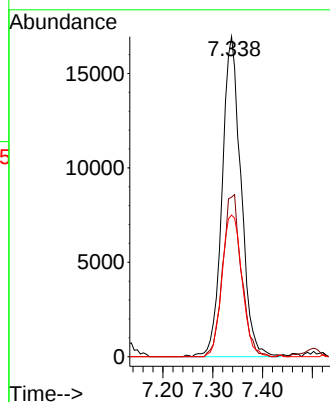
Tgt Ion: 42 Resp: 44554

Ion Ratio Lower Upper

42 100

72 50.4 43.0 64.4

71 47.2 40.8 61.2



#30

Chloroform

Concen: 51.272 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.006 min

Lab File: VY018859.D

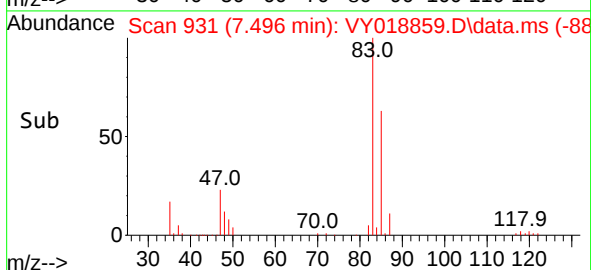
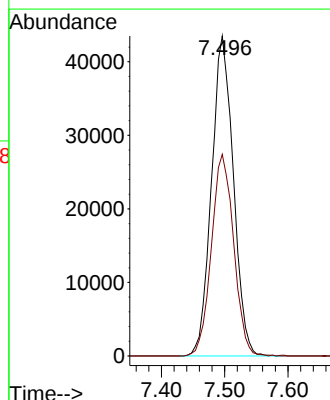
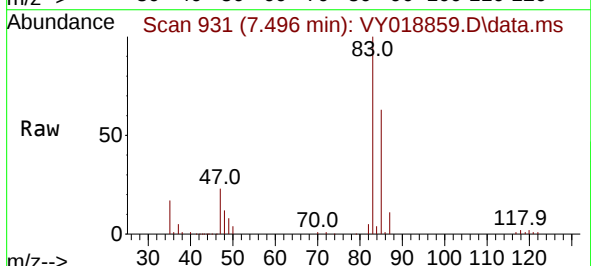
Acq: 18 Jul 2024 10:23

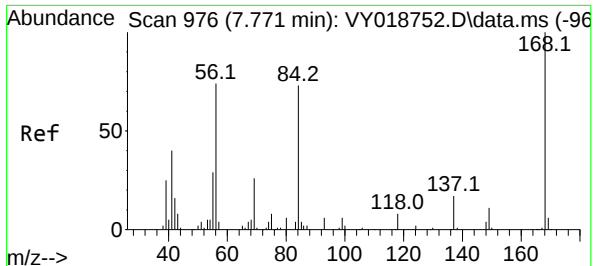
Tgt Ion: 83 Resp: 104036

Ion Ratio Lower Upper

83 100

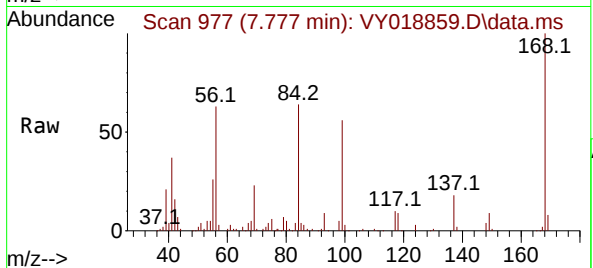
85 63.0 52.2 78.4



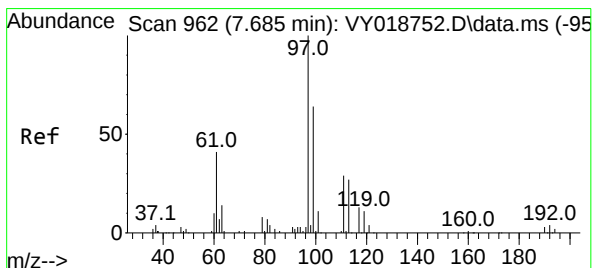
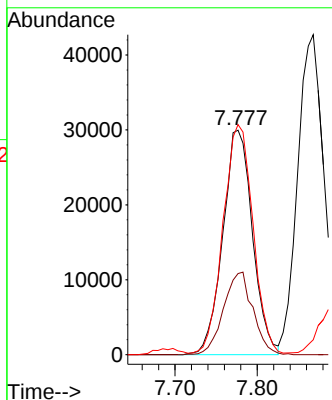
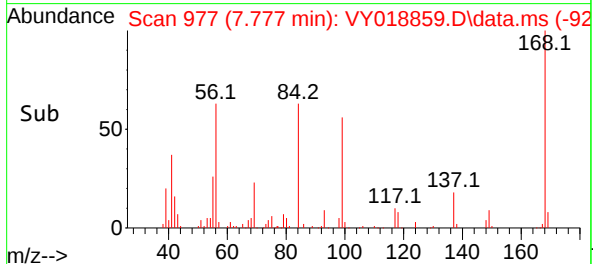


#31
Cyclohexane
Concen: 45.569 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

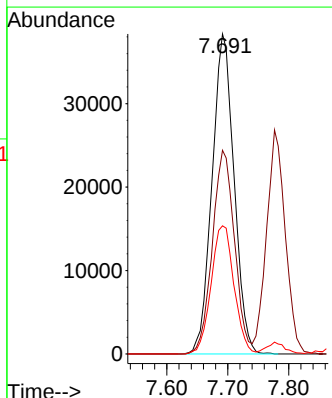
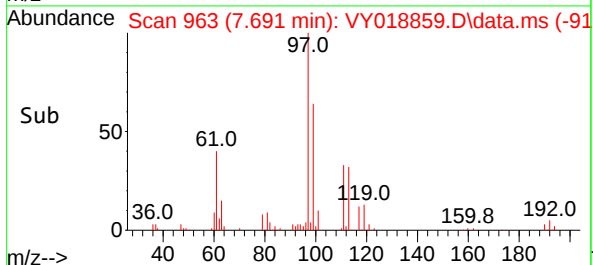
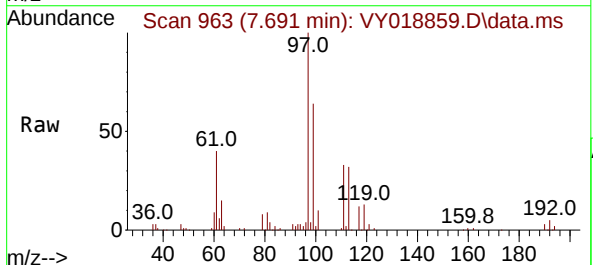


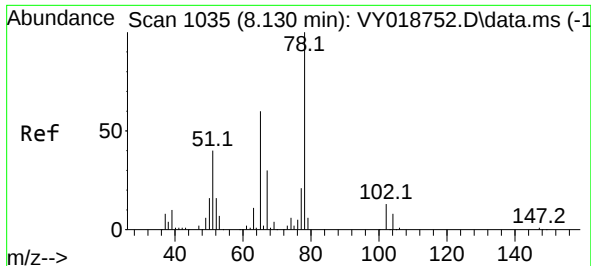
Tgt Ion: 56 Resp: 75452
Ion Ratio Lower Upper
56 100
69 36.2 28.7 43.1
84 101.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.977 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 97 Resp: 96186
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 41.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.737 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

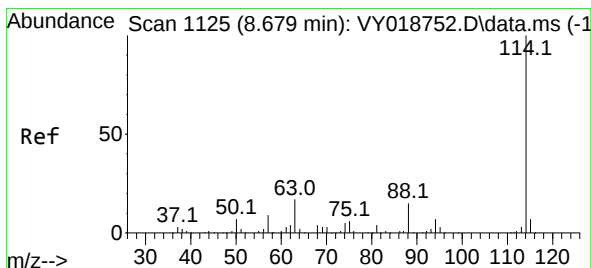
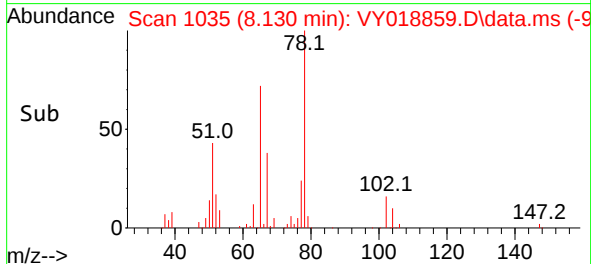
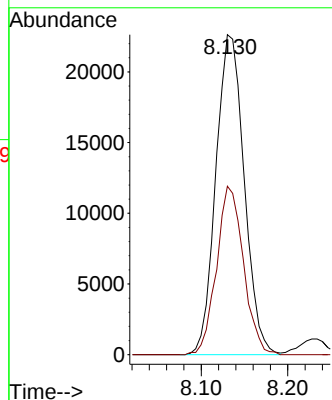
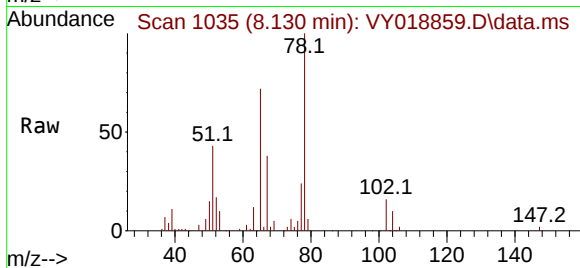
ClientSampleId :

Tgt Ion: 65 Resp: 51449

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

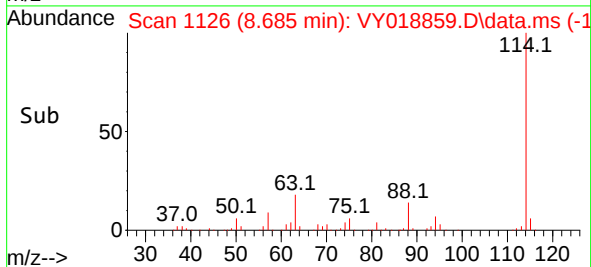
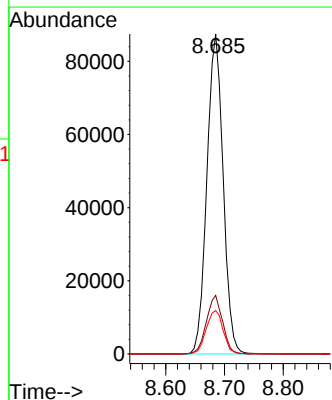
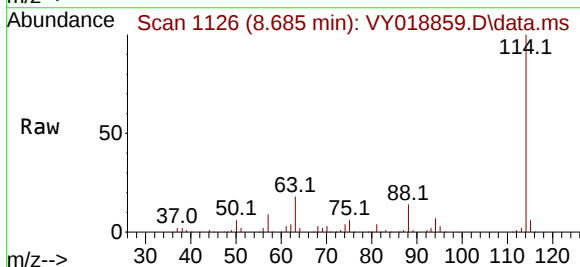
Tgt Ion: 114 Resp: 167790

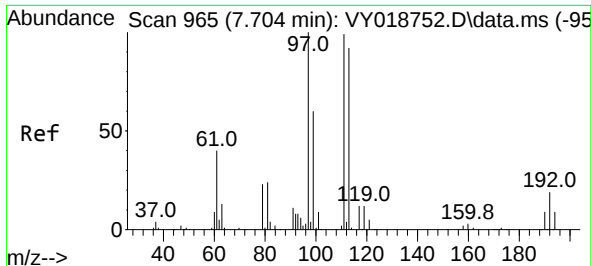
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.6 0.0 27.2

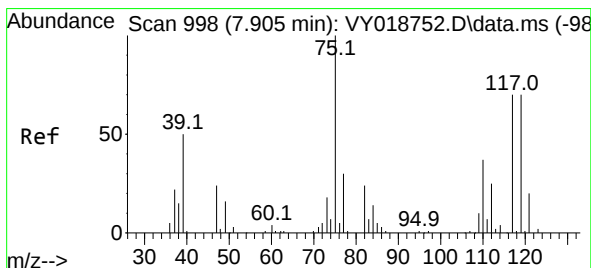
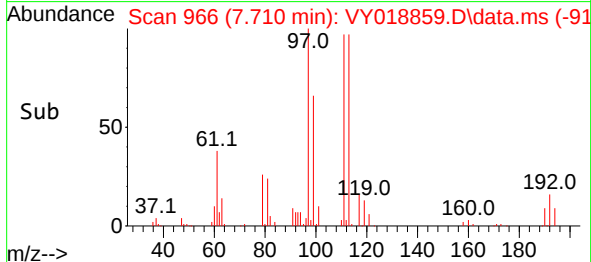
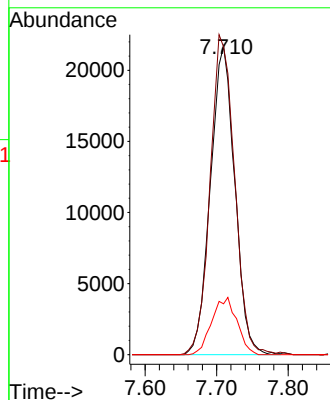
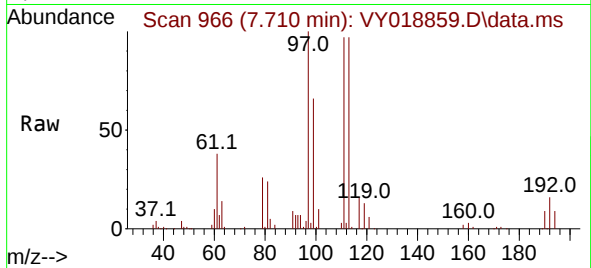




#35
Dibromofluoromethane
Concen: 48.840 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

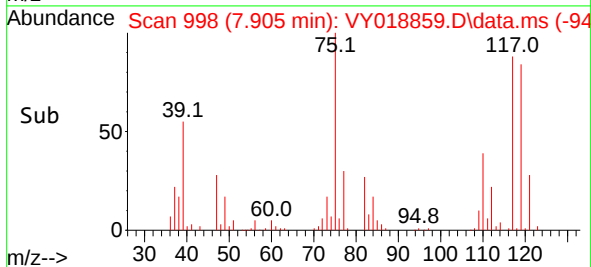
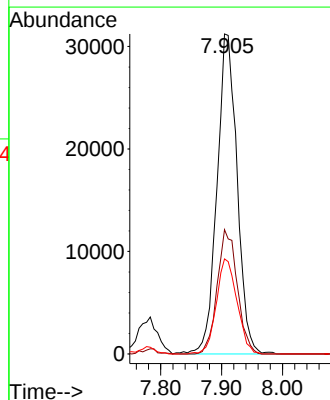
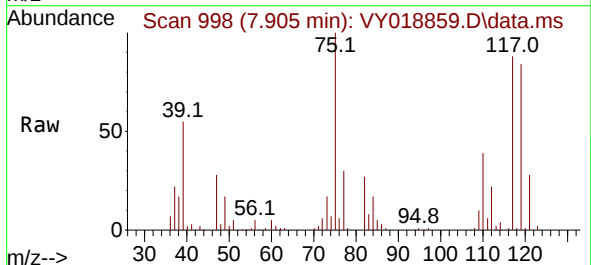
Instrument :
MSVOA_Y
ClientSampleId :

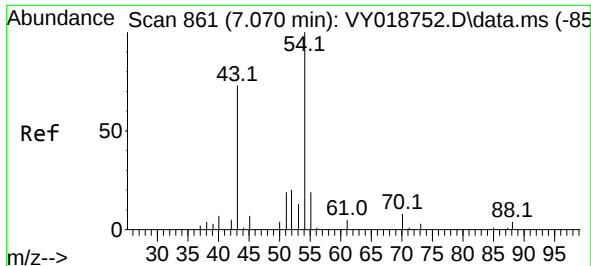
Tgt Ion:113 Resp: 51326
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.421 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 75 Resp: 71674
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 30.5 25.3 37.9





#37

Ethyl Acetate

Concen: 54.221 ug/l

RT: 7.063 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY018859.D

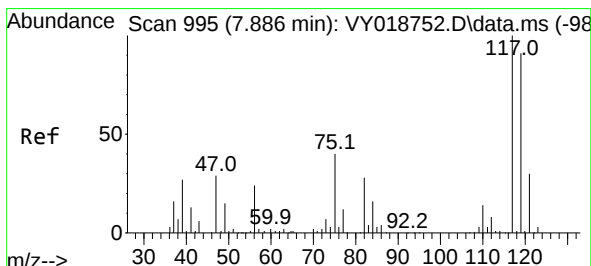
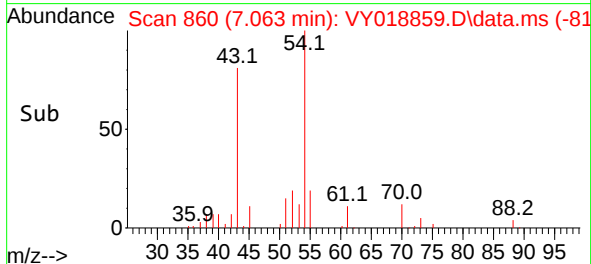
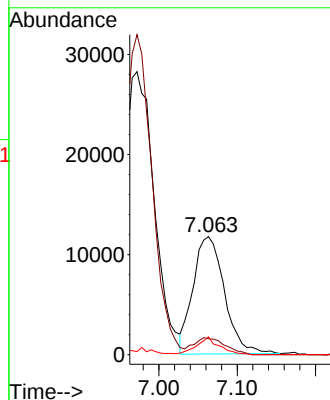
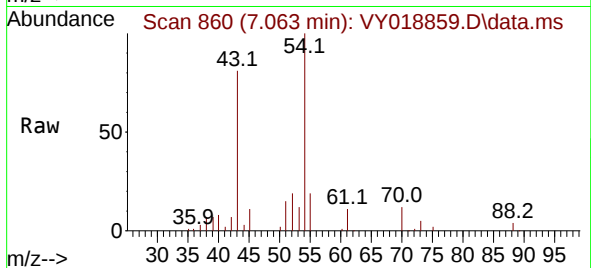
Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 32686
Ion Ratio	Lower Upper
43 100	
61 14.4	12.6 19.0
70 10.9	7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.571 ug/l

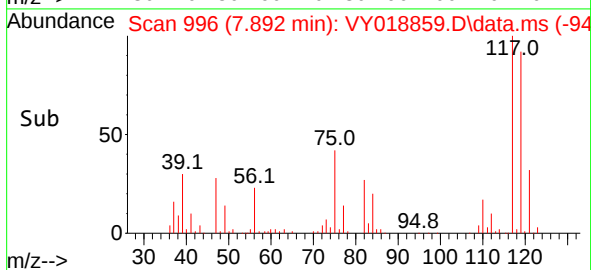
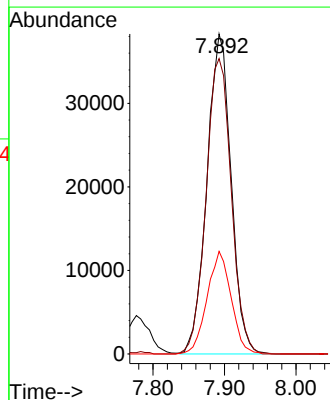
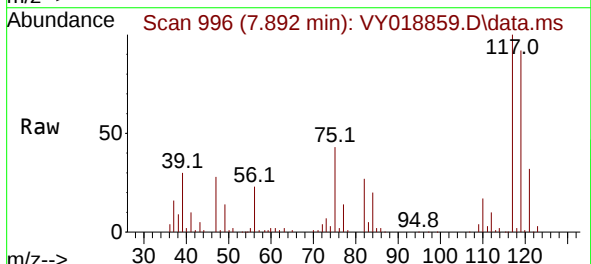
RT: 7.892 min Scan# 996

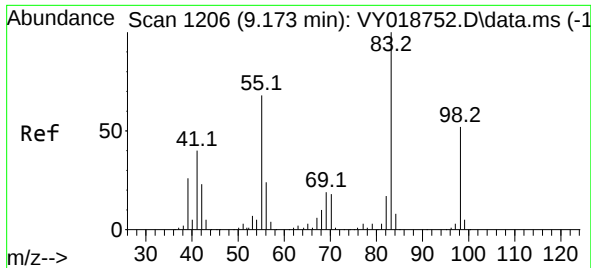
Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Tgt Ion:117	Resp:	90081	
Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.8	113.6
121	32.1	24.0	36.0

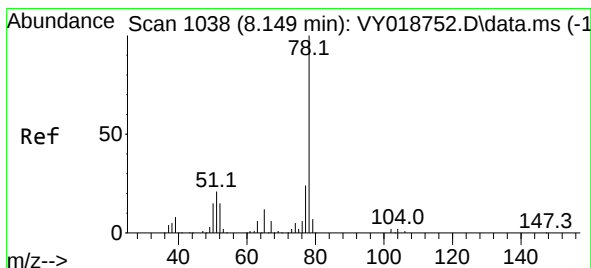
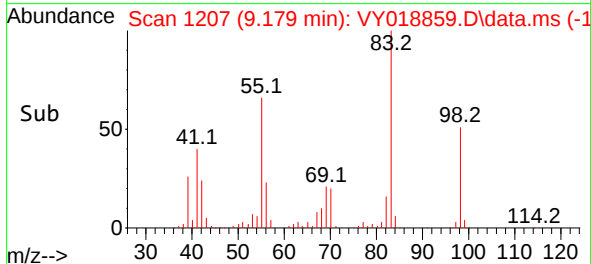
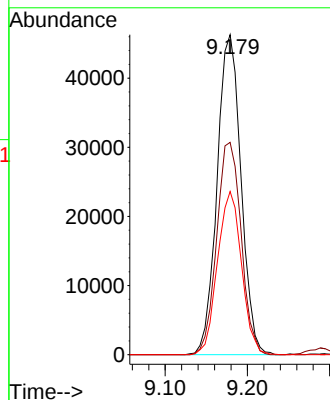
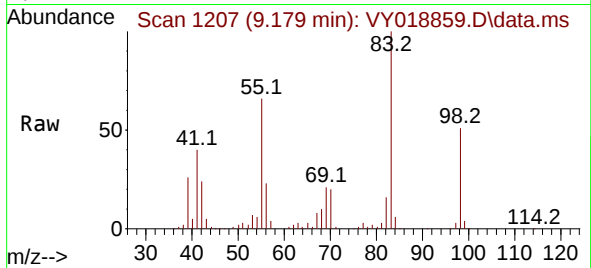




#39
Methylcyclohexane
Concen: 50.367 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

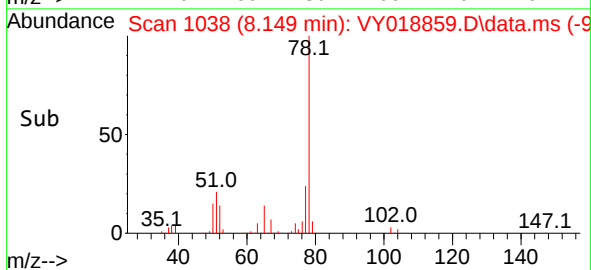
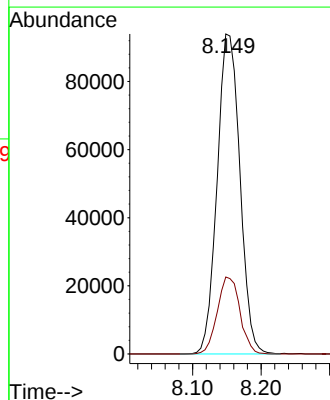
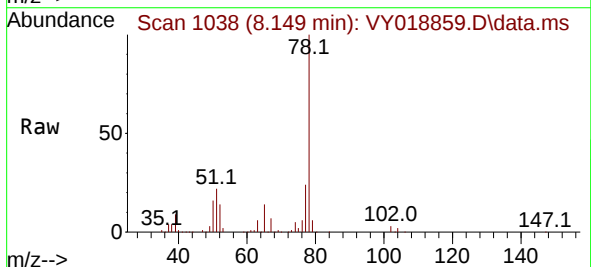
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 93610
Ion Ratio Lower Upper
83 100
55 66.4 51.5 77.3
98 51.0 40.5 60.7



#40
Benzene
Concen: 51.442 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

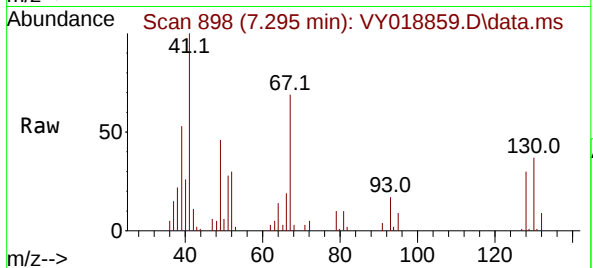
Tgt Ion: 78 Resp: 216422
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3



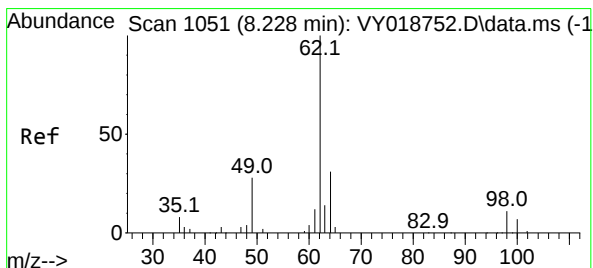
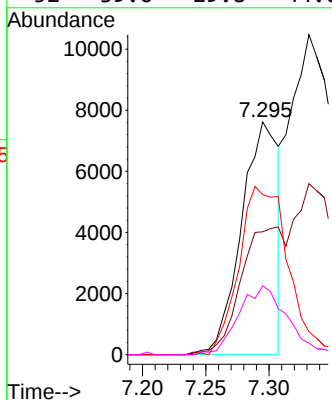
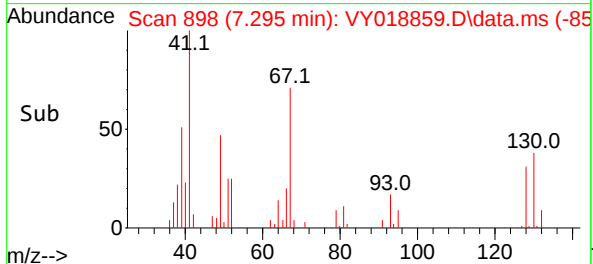


#41
Methacrylonitrile
Concen: 44.997 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.037 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

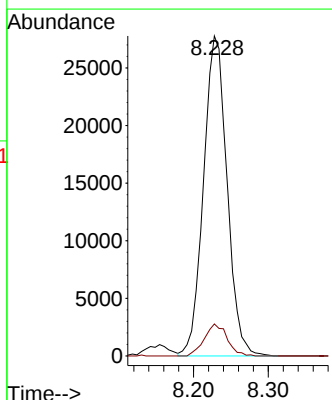
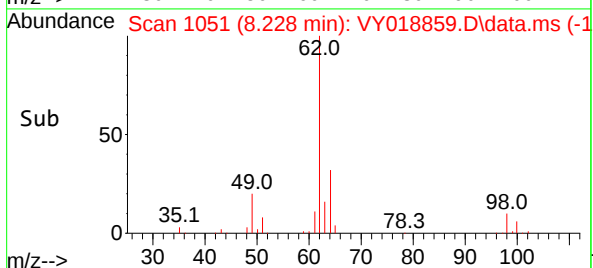
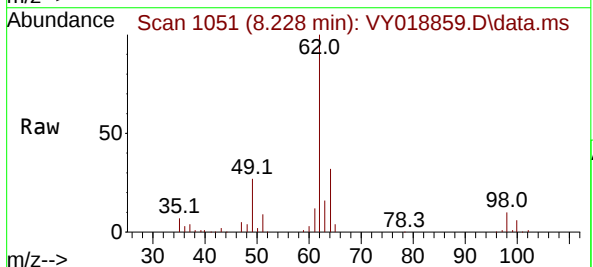


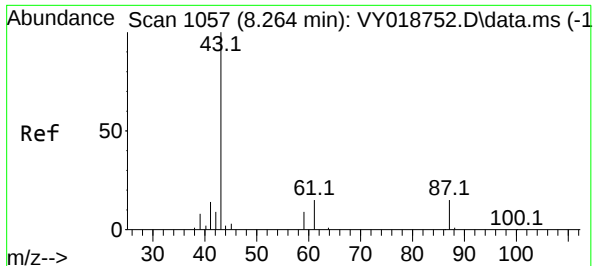
Tgt Ion:	41	Resp:	15465
Ion	Ratio	Lower	Upper
41	100		
39	66.2	48.0	72.0
67	96.7	75.1	112.7
52	39.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.575 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion:	62	Resp:	60751
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	22.0





#43

Isopropyl Acetate

Concen: 51.866 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

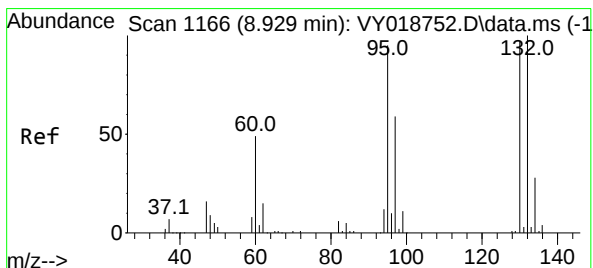
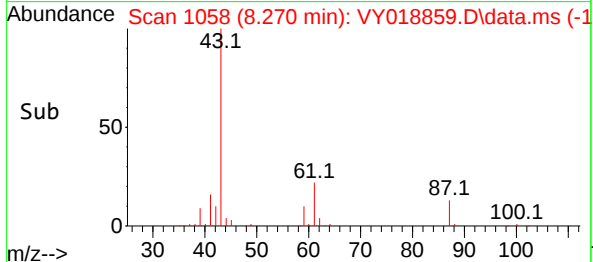
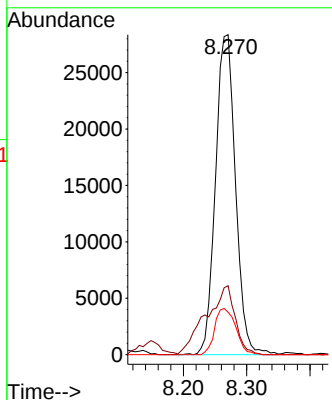
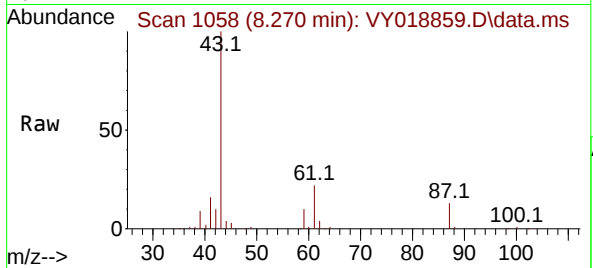
Tgt Ion: 43 Resp: 62214

Ion Ratio Lower Upper

43 100

61 31.5 27.9 41.9

87 15.2 13.1 19.7



#44

Trichloroethene

Concen: 51.376 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY018859.D

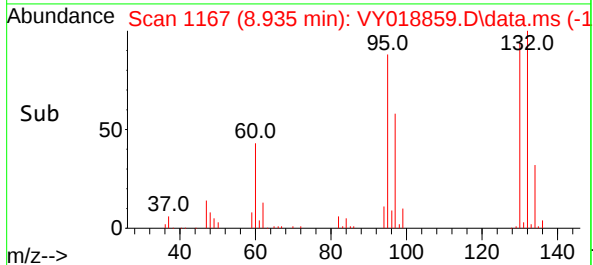
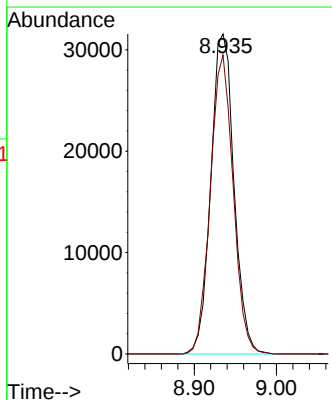
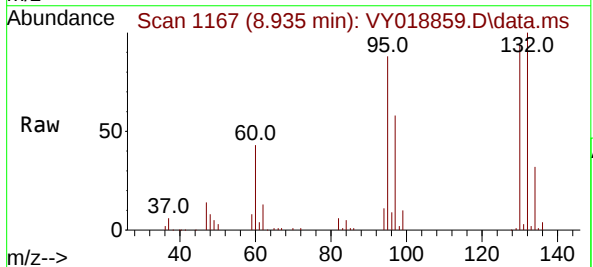
Acq: 18 Jul 2024 10:23

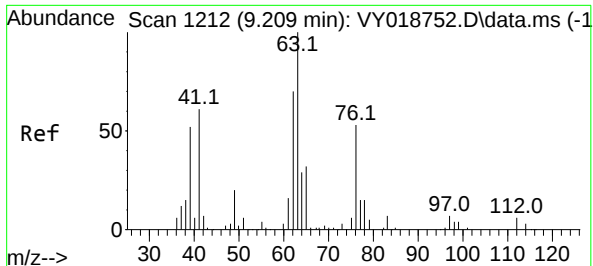
Tgt Ion:130 Resp: 61785

Ion Ratio Lower Upper

130 100

95 93.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.162 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

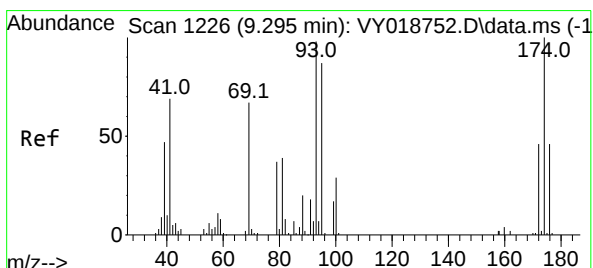
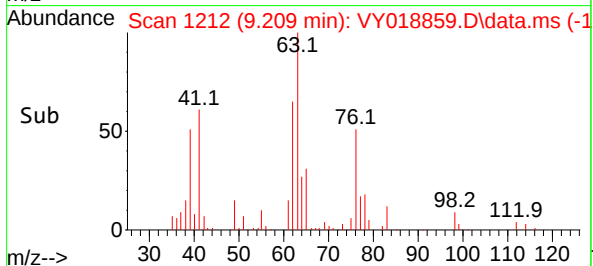
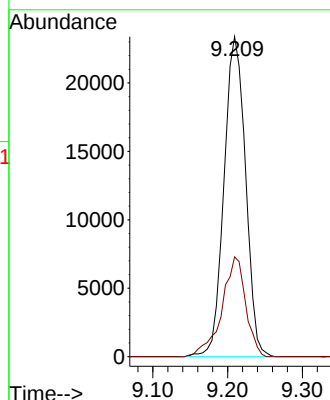
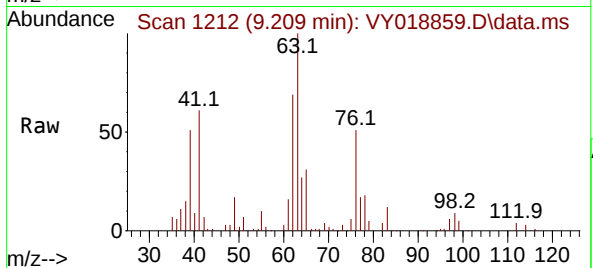
ClientSampleId :

Tgt Ion: 63 Resp: 46872

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 53.402 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

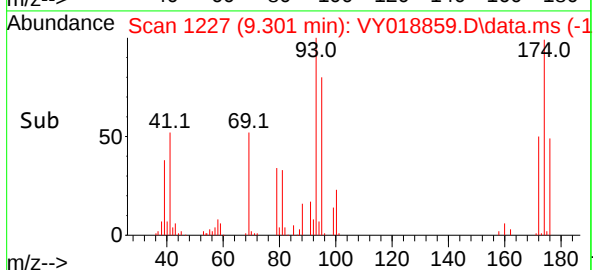
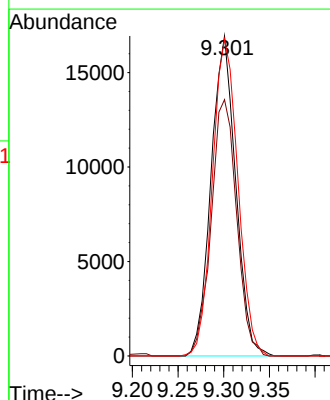
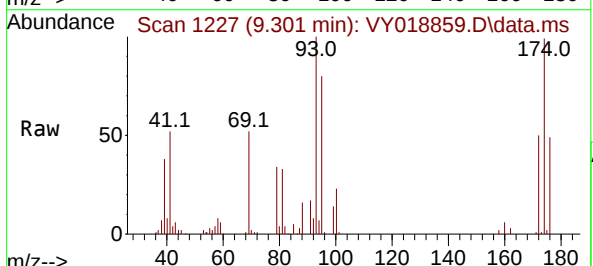
Tgt Ion: 93 Resp: 31712

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 102.6 80.9 121.3

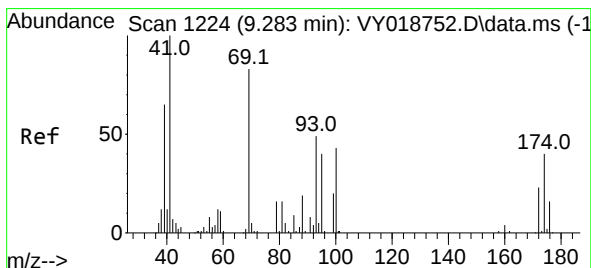
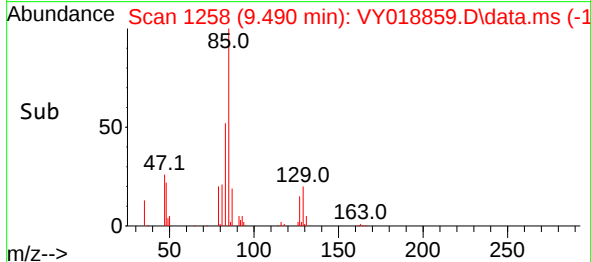
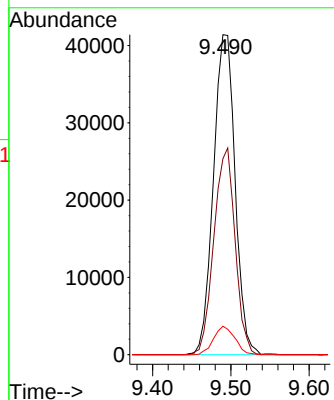
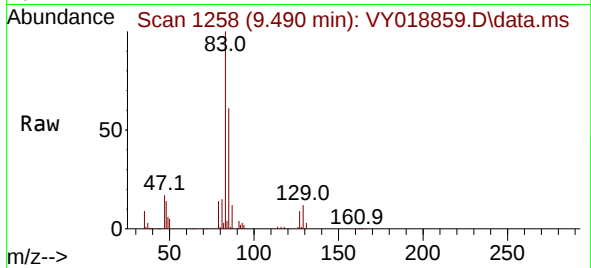




#47
Bromodichloromethane
Concen: 53.706 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

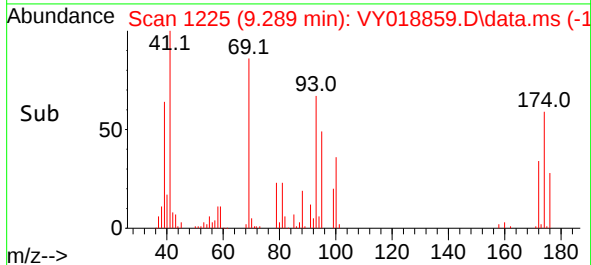
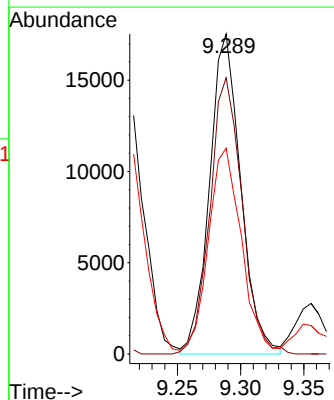
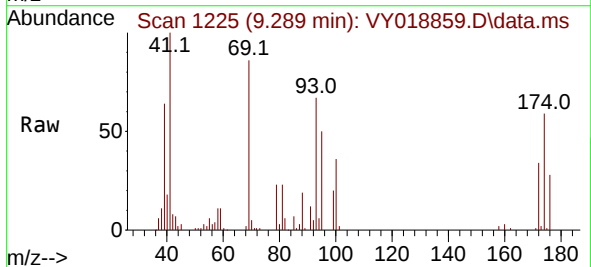
Instrument :
MSVOA_Y
ClientSampleId :

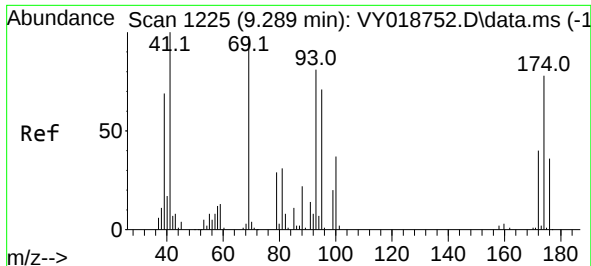
Tgt Ion: 83 Resp: 79673
Ion Ratio Lower Upper
83 100
85 61.2 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 55.185 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 41 Resp: 30088
Ion Ratio Lower Upper
41 100
69 88.7 84.1 126.1
39 66.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1081.295 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

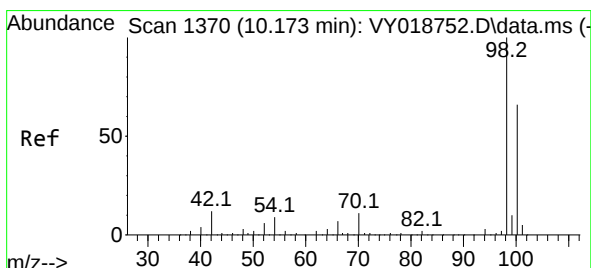
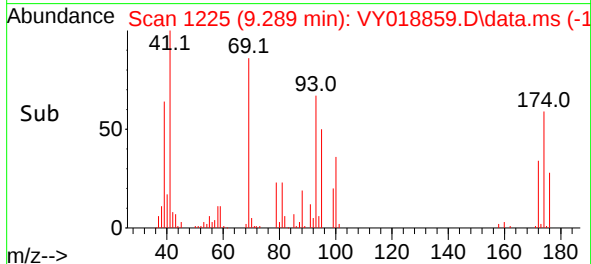
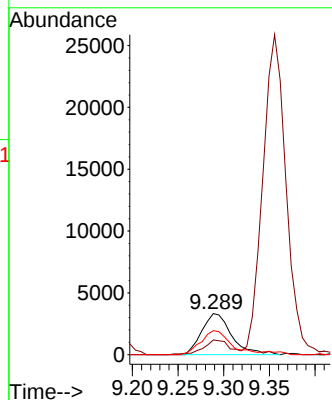
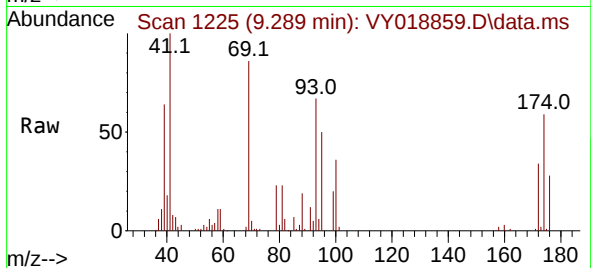
Tgt Ion: 88 Resp: 7527

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 57.8 49.3 73.9



#50

Toluene-d8

Concen: 46.427 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018859.D

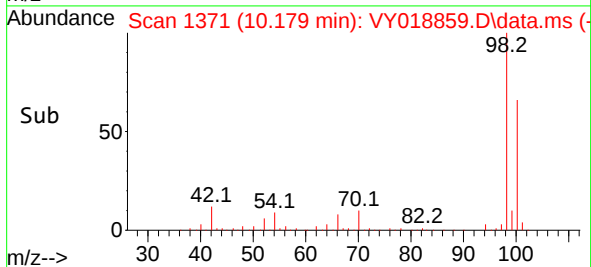
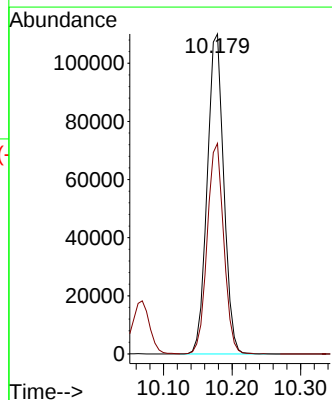
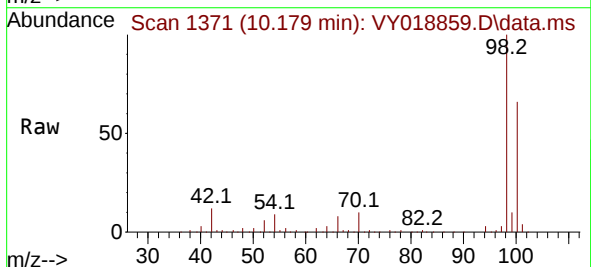
Acq: 18 Jul 2024 10:23

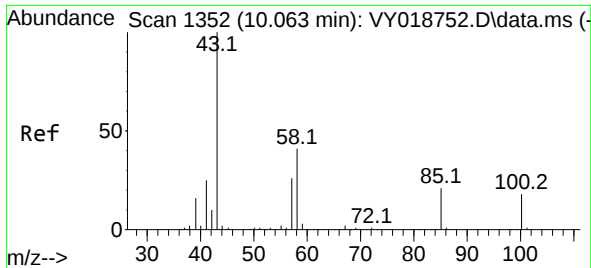
Tgt Ion: 98 Resp: 184845

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

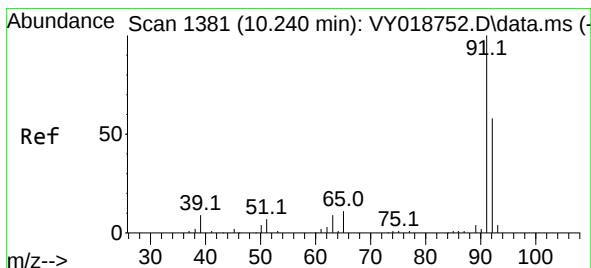
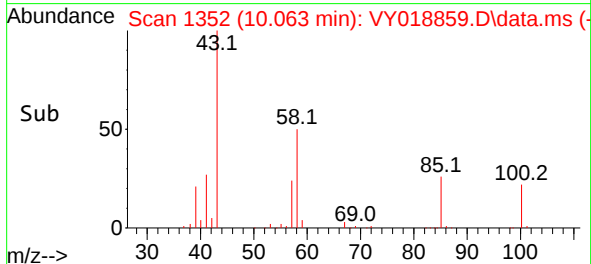
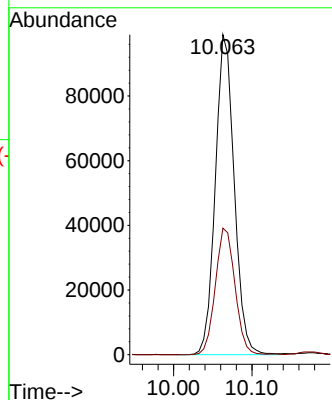
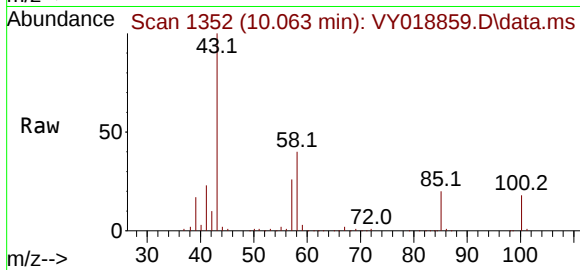




#51
4-Methyl-2-Pentanone
Concen: 271.282 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

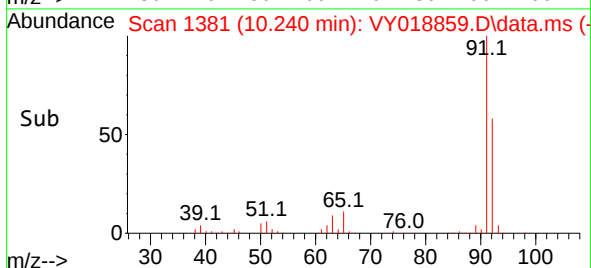
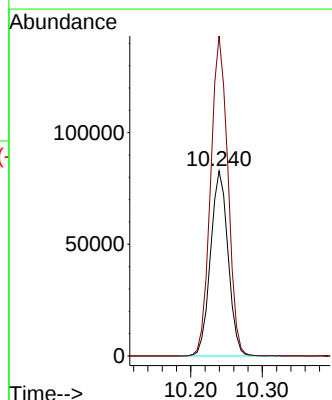
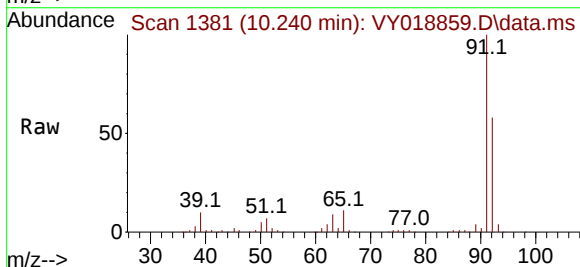
Instrument :
MSVOA_Y
ClientSampleId :

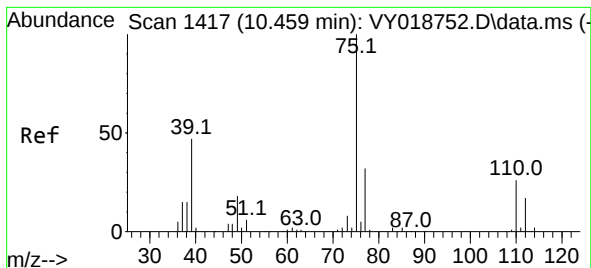
Tgt Ion: 43 Resp: 166139
Ion Ratio Lower Upper
43 100
58 41.1 35.7 53.5



#52
Toluene
Concen: 50.321 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 92 Resp: 140713
Ion Ratio Lower Upper
92 100
91 170.6 139.0 208.6

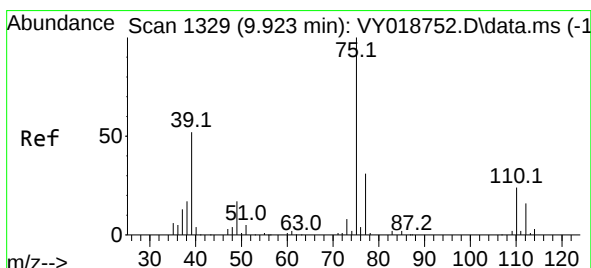
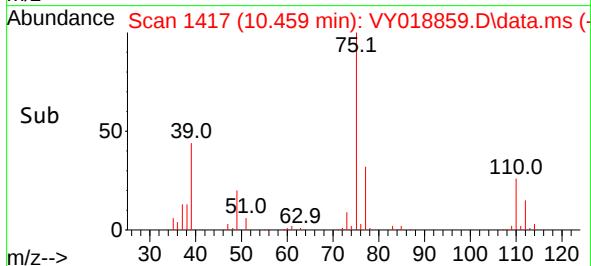
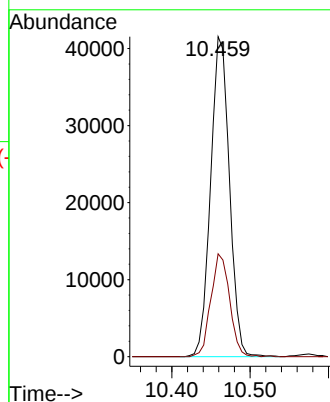
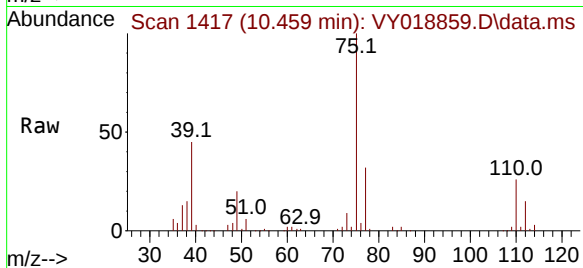




#53
t-1,3-Dichloropropene
Concen: 54.106 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

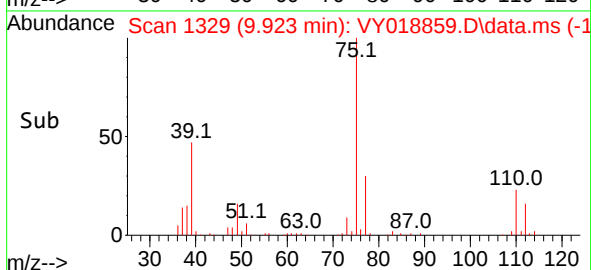
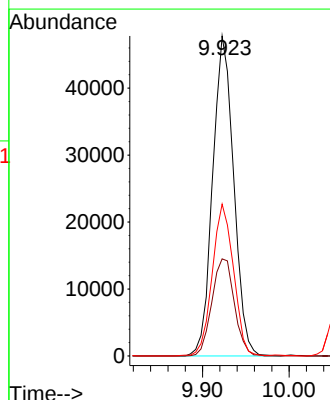
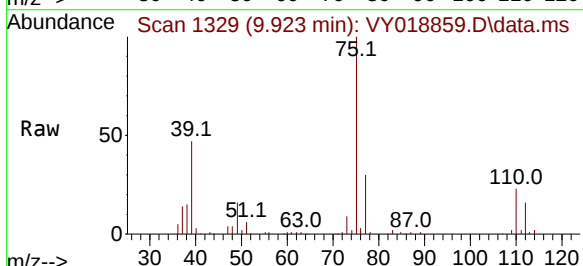
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69302
Ion Ratio Lower Upper
75 100
77 32.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 53.688 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 75 Resp: 80675
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
39 47.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 52.867 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 39755

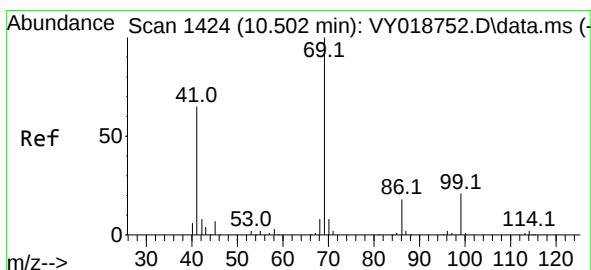
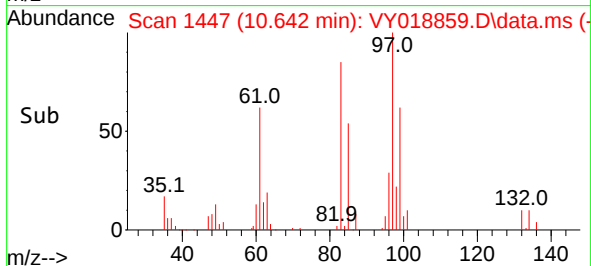
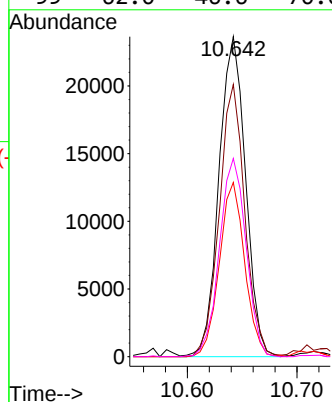
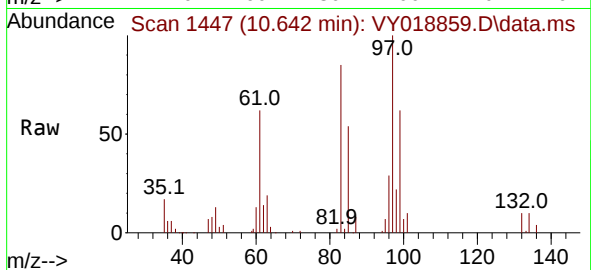
Ion Ratio Lower Upper

97 100

83 85.1 67.5 101.3

85 54.5 42.9 64.3

99 62.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.327 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

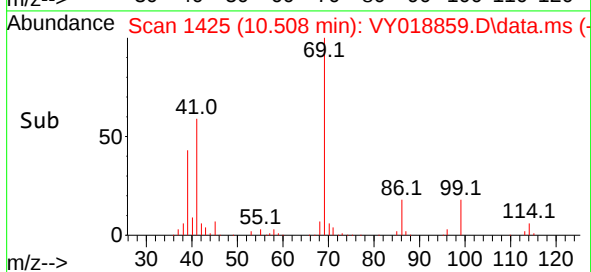
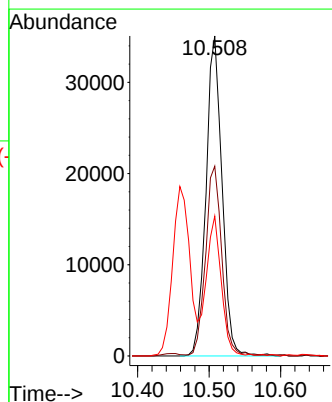
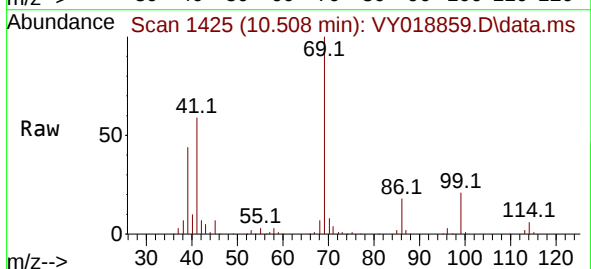
Tgt Ion: 69 Resp: 54775

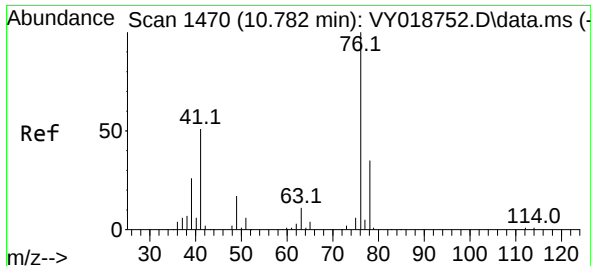
Ion Ratio Lower Upper

69 100

41 59.0 42.3 63.5

39 40.4 22.9 34.3#

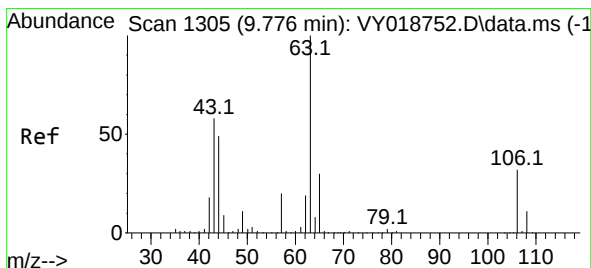
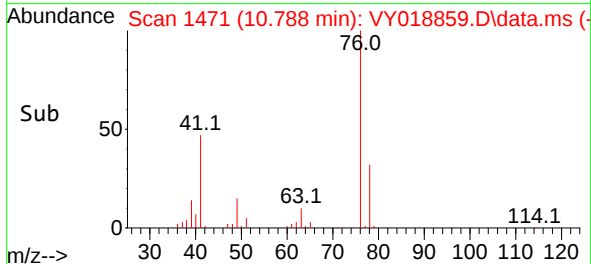
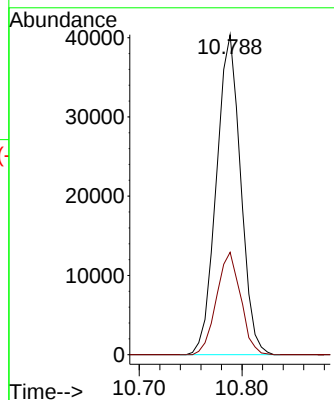
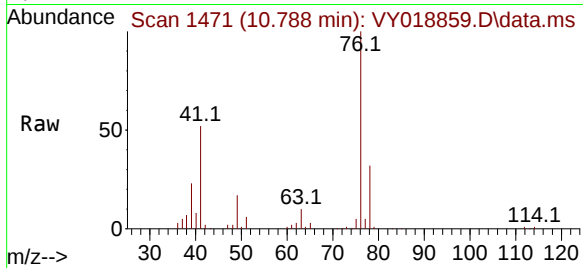




#57
1,3-Dichloropropane
Concen: 53.054 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

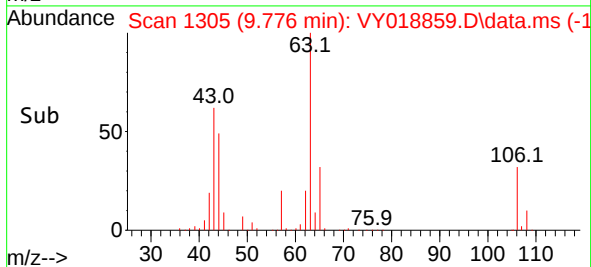
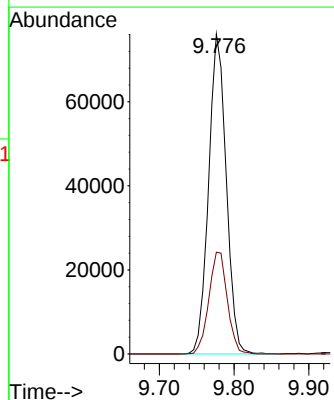
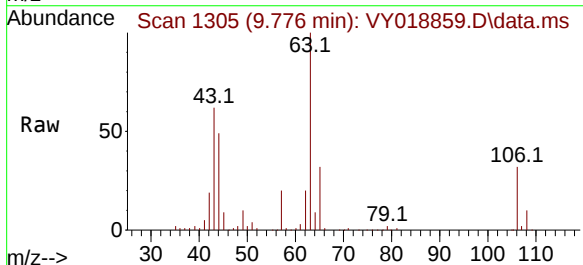
Instrument :
MSVOA_Y
ClientSampleId :

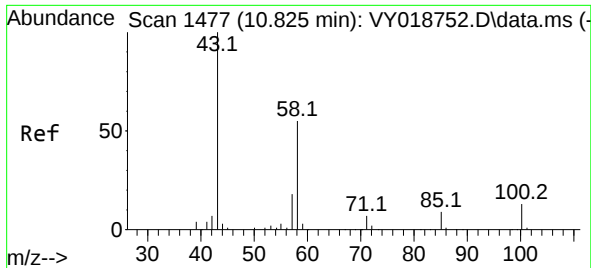
Tgt Ion: 76 Resp: 66135
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 263.297 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 63 Resp: 124537
Ion Ratio Lower Upper
63 100
106 33.3 23.7 35.5

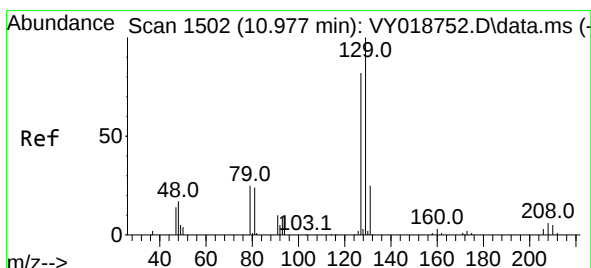
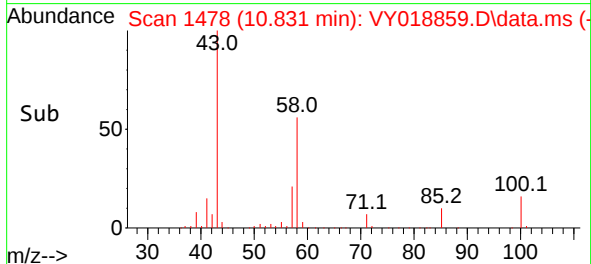
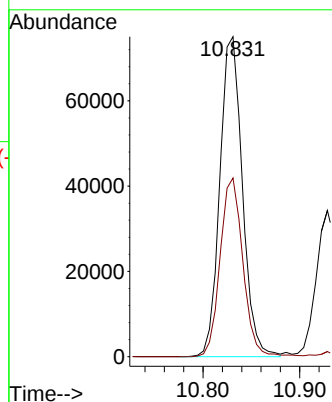
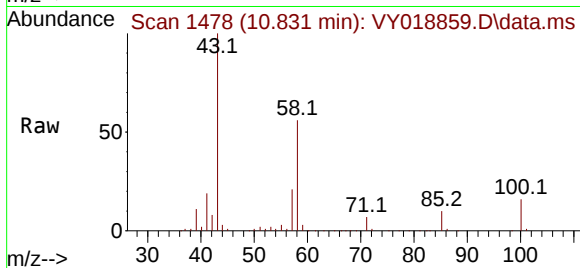




#59
2-Hexanone
Concen: 283.416 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

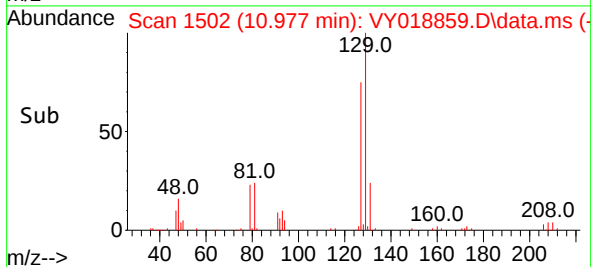
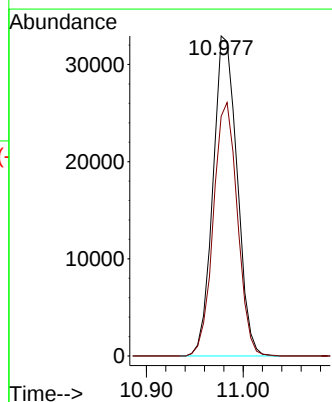
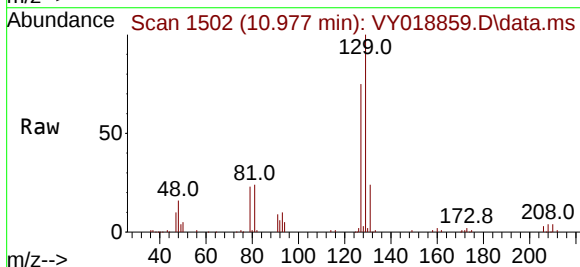
Instrument :
MSVOA_Y
ClientSampleId :

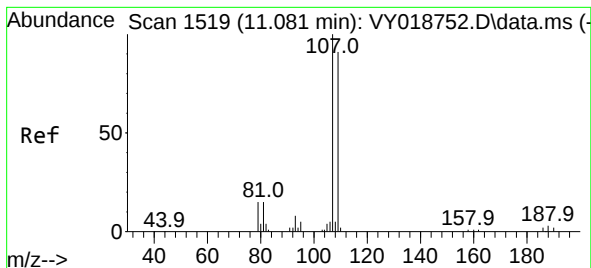
Tgt Ion: 43 Resp: 121429
Ion Ratio Lower Upper
43 100
58 56.5 31.4 94.0



#60
Dibromochloromethane
Concen: 55.164 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion:129 Resp: 56997
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.340 ug/l

RT: 11.087 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

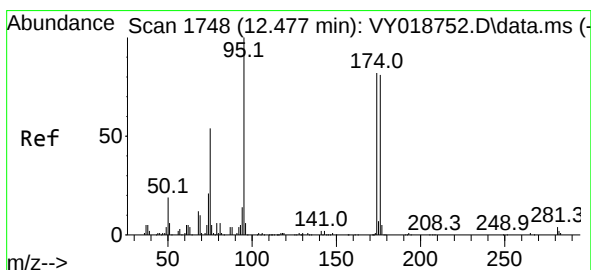
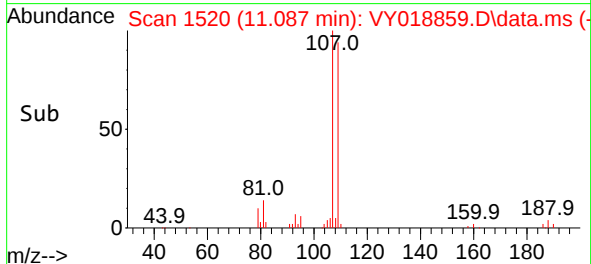
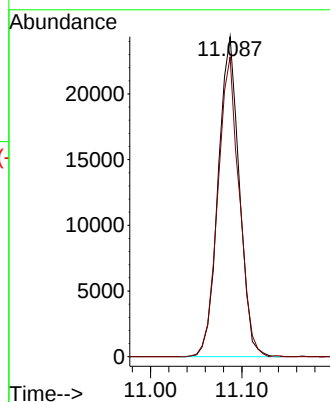
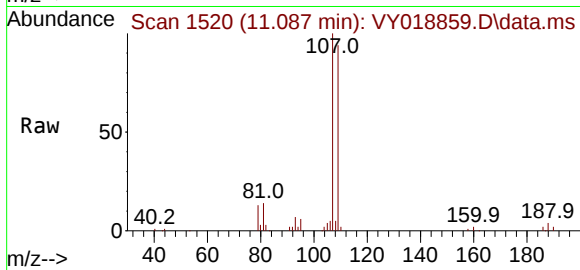
ClientSampleId :

Tgt Ion:107 Resp: 38995

Ion Ratio Lower Upper

107 100

109 95.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.482 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

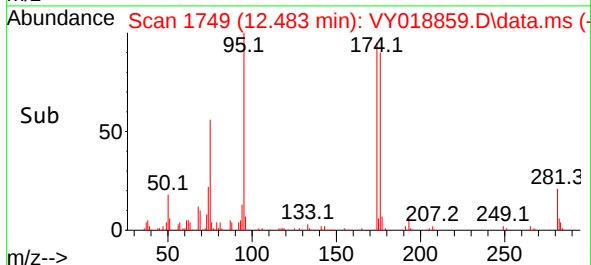
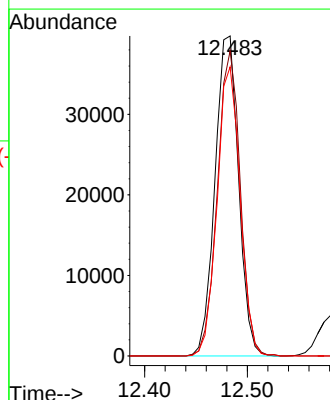
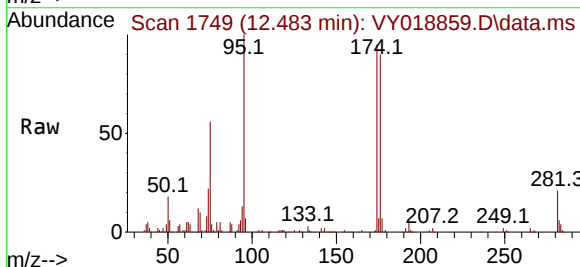
Tgt Ion: 95 Resp: 63200

Ion Ratio Lower Upper

95 100

174 92.8 0.0 175.6

176 88.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

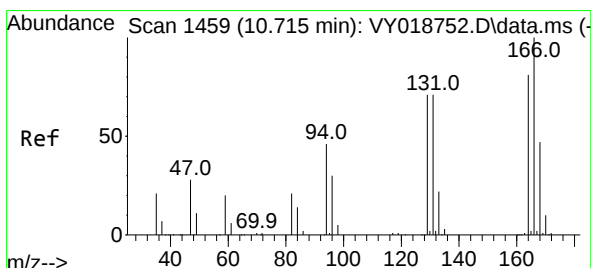
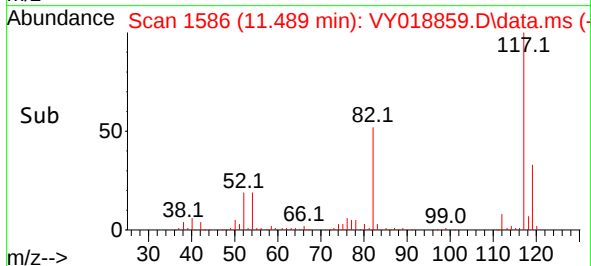
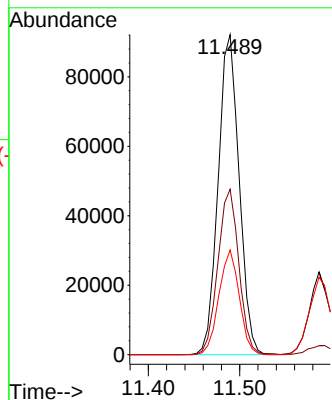
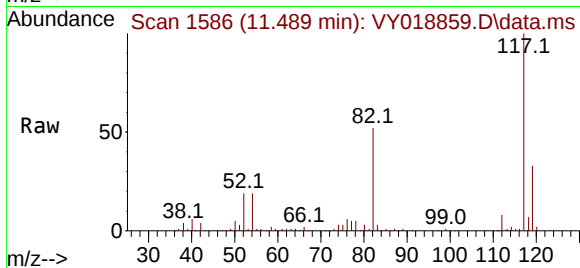
Tgt Ion:117 Resp: 147007

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 53.362 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Tgt Ion:164 Resp: 63496

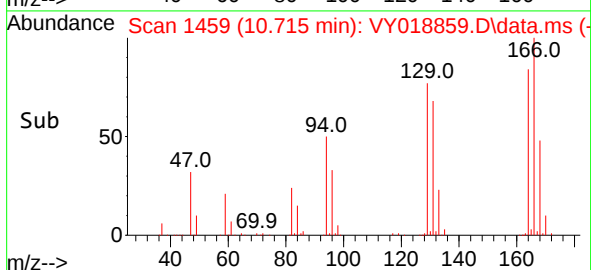
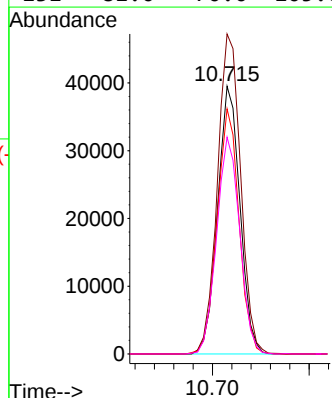
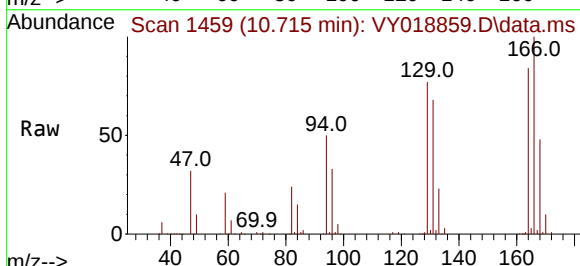
Ion Ratio Lower Upper

164 100

166 119.6 102.6 154.0

129 91.6 72.0 108.0

131 81.0 70.0 105.0





#65

Chlorobenzene

Concen: 51.561 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

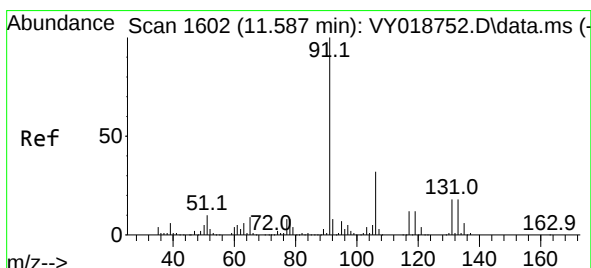
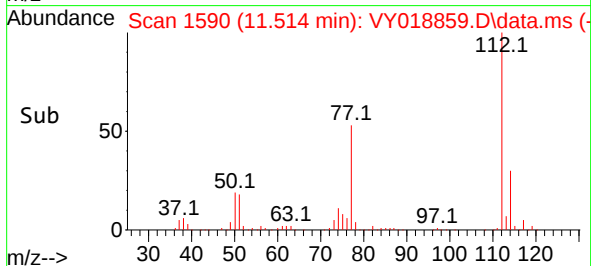
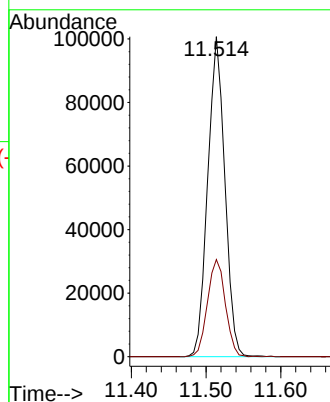
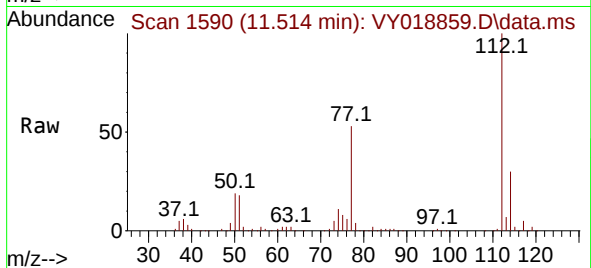
ClientSampleId :

Tgt Ion:112 Resp: 159896

Ion Ratio Lower Upper

112 100

114 30.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.536 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

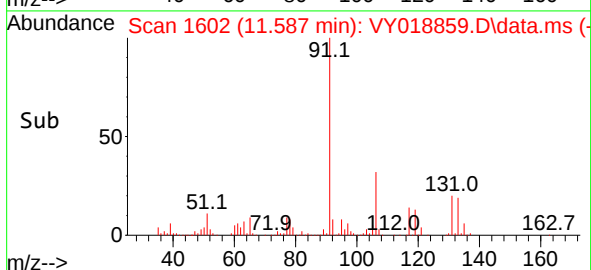
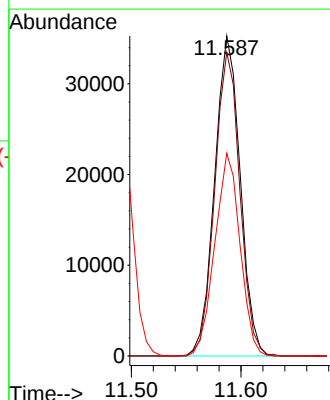
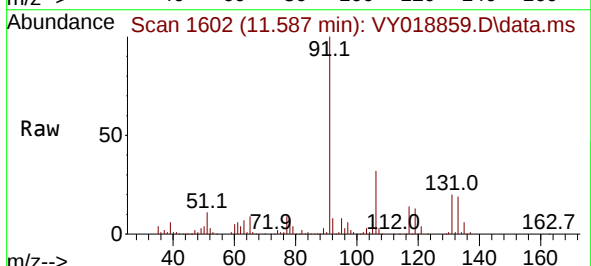
Tgt Ion:131 Resp: 57201

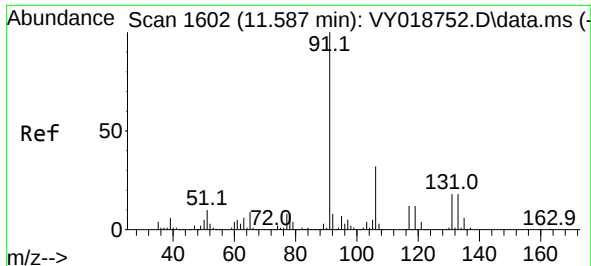
Ion Ratio Lower Upper

131 100

133 93.3 47.8 143.3

119 62.6 34.1 102.2





#67

Ethyl Benzene

Concen: 50.798 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

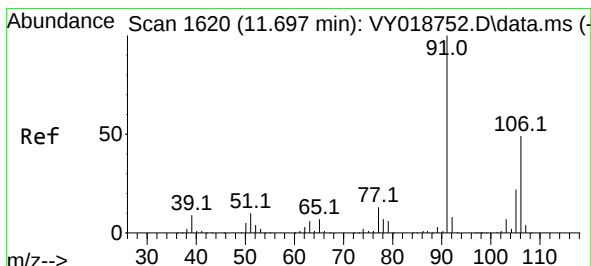
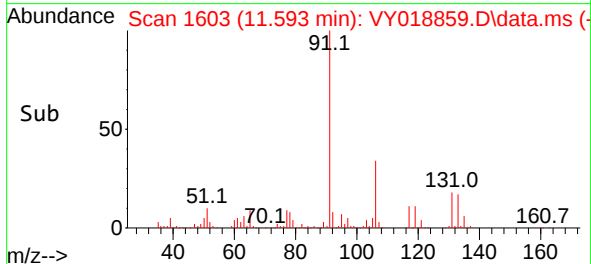
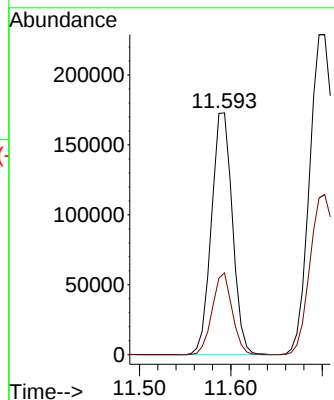
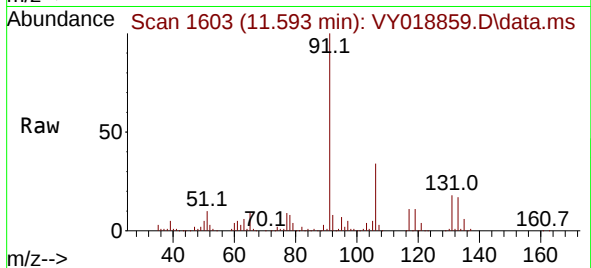
ClientSampleId :

Tgt Ion: 91 Resp: 275969

Ion Ratio Lower Upper

91 100

106 33.8 24.5 36.7



#68

m/p-Xylenes

Concen: 102.315 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018859.D

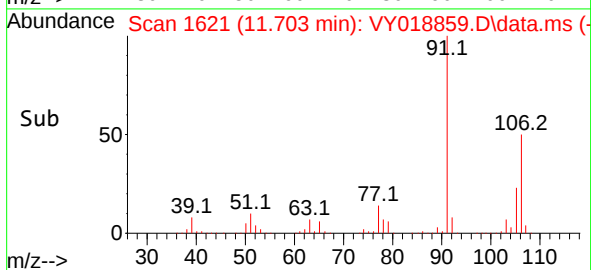
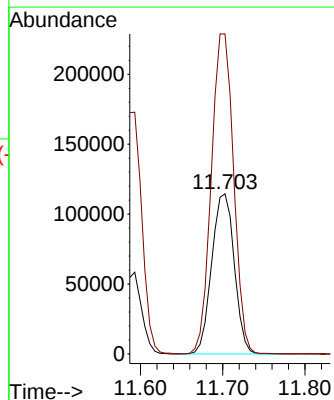
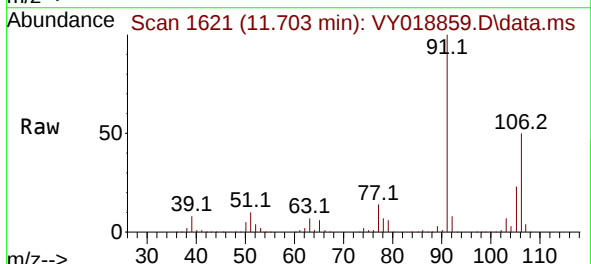
Acq: 18 Jul 2024 10:23

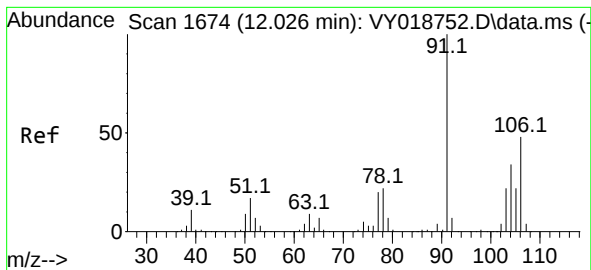
Tgt Ion:106 Resp: 218121

Ion Ratio Lower Upper

106 100

91 197.7 156.0 234.0





#69

o-Xylene

Concen: 52.005 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

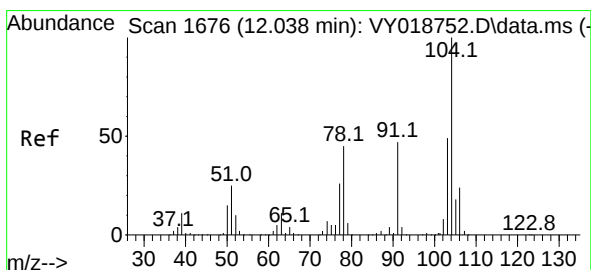
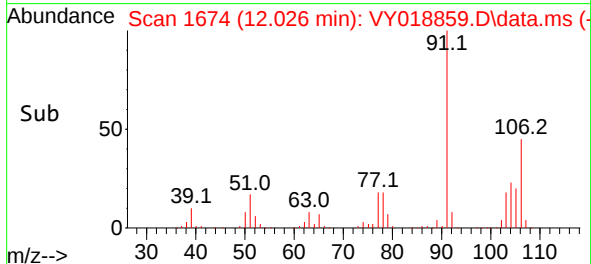
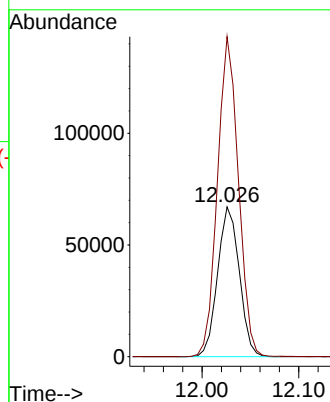
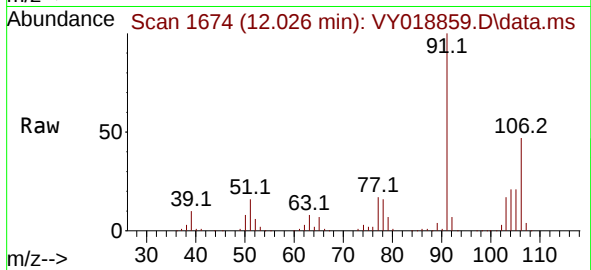
ClientSampleId :

Tgt Ion:106 Resp: 104231

Ion Ratio Lower Upper

106 100

91 206.9 103.6 310.8



#70

Styrene

Concen: 51.095 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

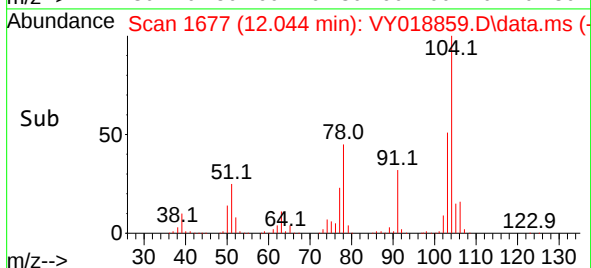
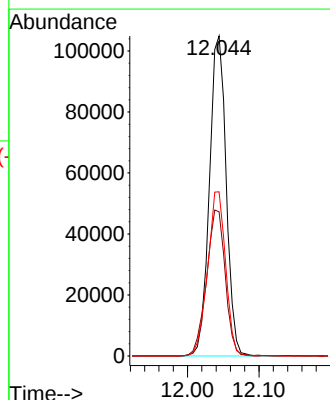
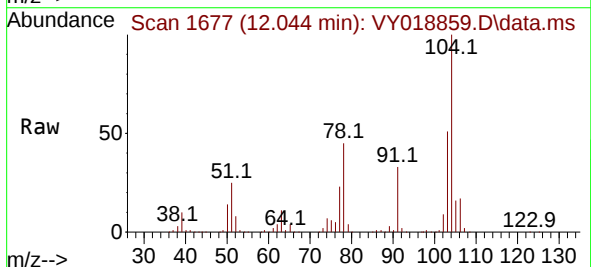
Tgt Ion:104 Resp: 170874

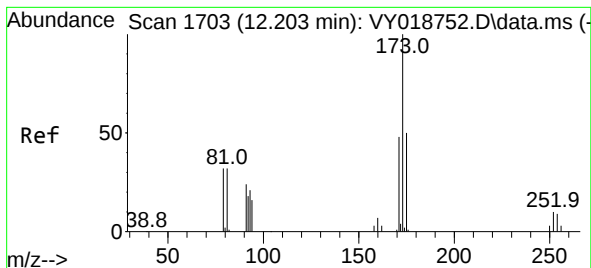
Ion Ratio Lower Upper

104 100

78 50.8 37.0 55.4

103 55.1 44.2 66.2





#71

Bromoform

Concen: 55.538 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

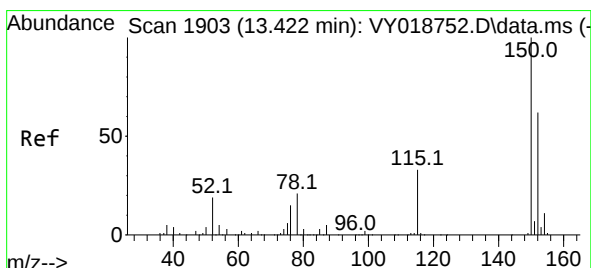
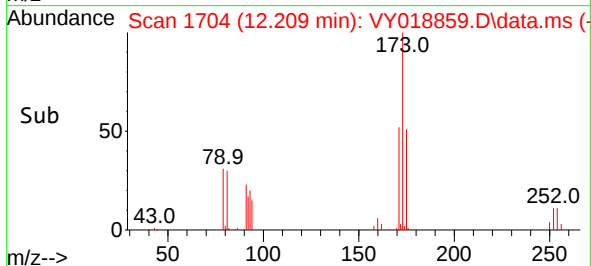
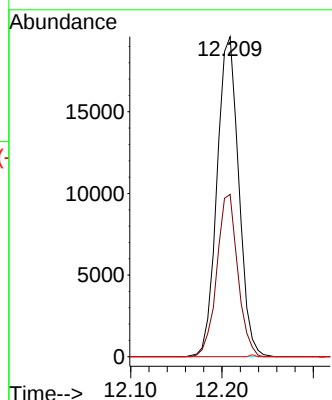
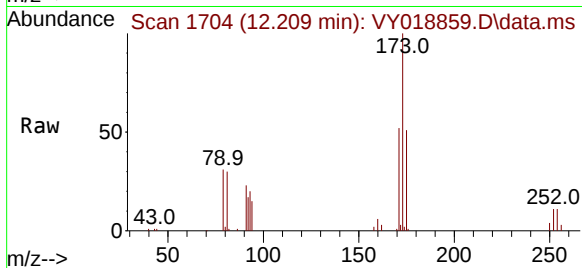
Tgt Ion:173 Resp: 32345

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

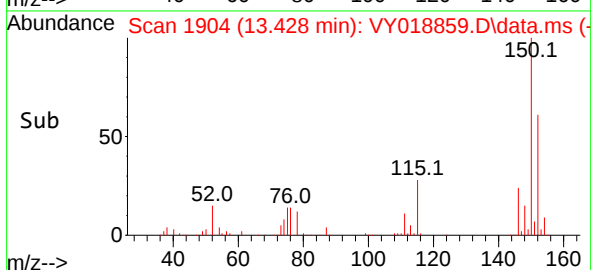
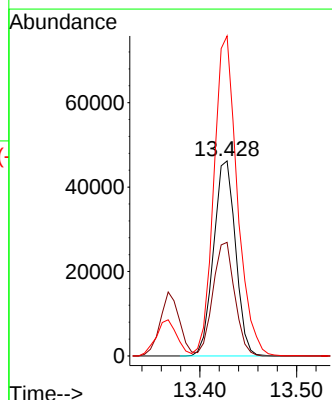
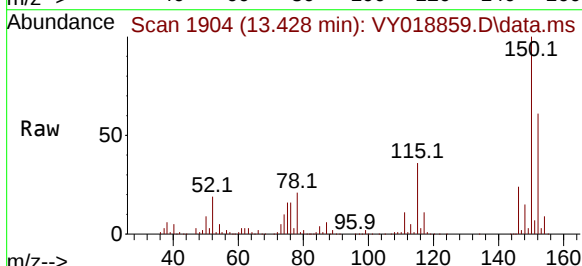
Tgt Ion:152 Resp: 72864

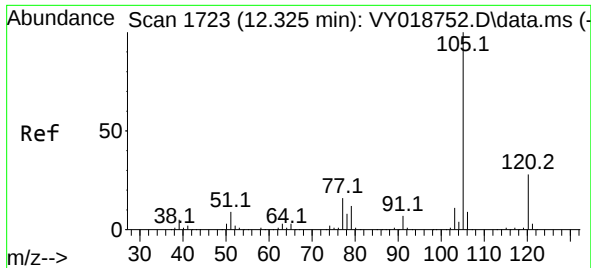
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 175.0 0.0 345.6

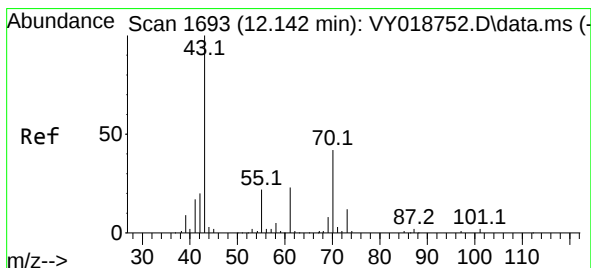
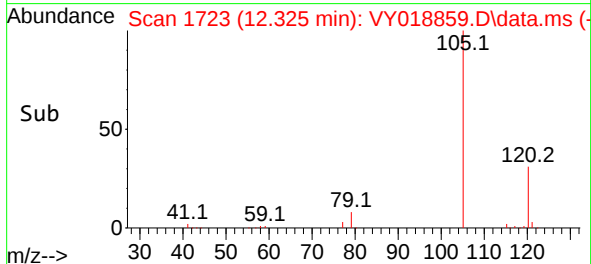
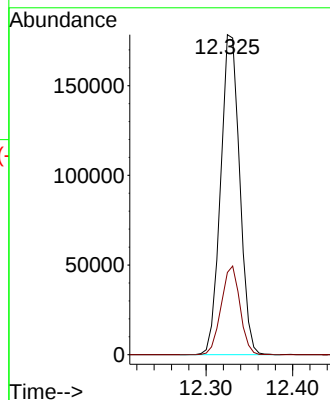
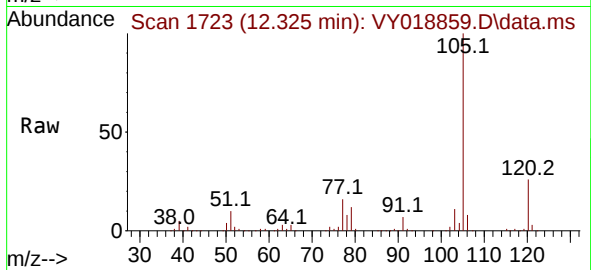




#73
Isopropylbenzene
Concen: 51.117 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

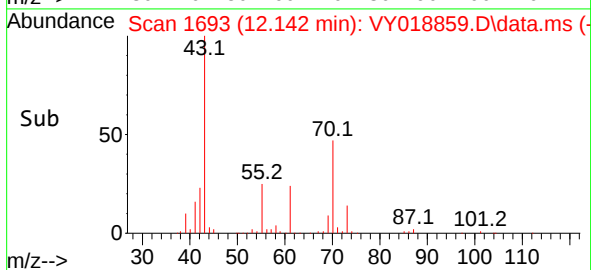
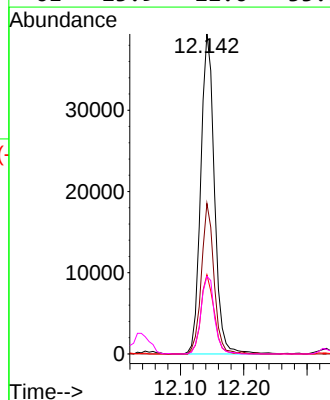
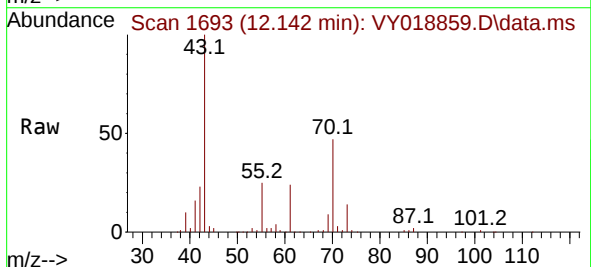
Instrument :
MSVOA_Y
ClientSampleId :

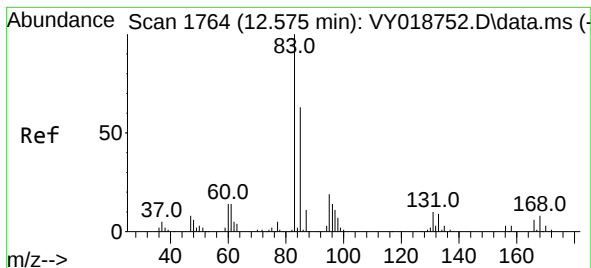
Tgt Ion:105 Resp: 272592
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1



#74
N-ethyl acetate
Concen: 54.583 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion: 43 Resp: 59527
Ion Ratio Lower Upper
43 100
70 43.3 41.4 62.2
55 23.7 23.3 34.9
61 23.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.889 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

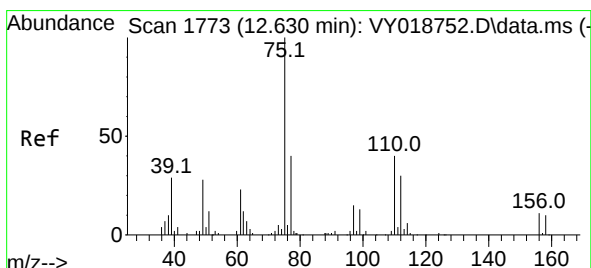
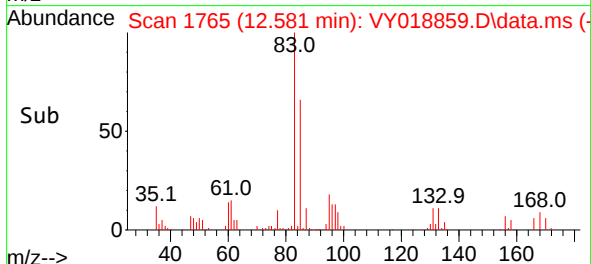
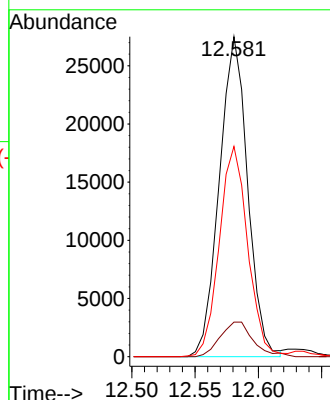
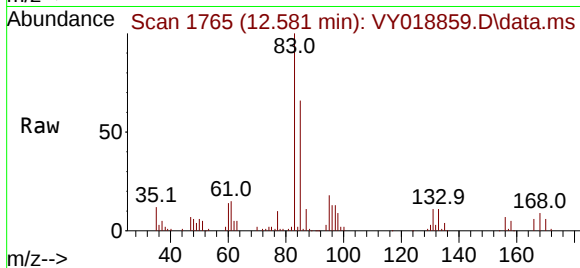
Tgt Ion: 83 Resp: 42781

Ion Ratio Lower Upper

83 100

131 12.6 5.0 14.9

85 66.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 102.263 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY018859.D

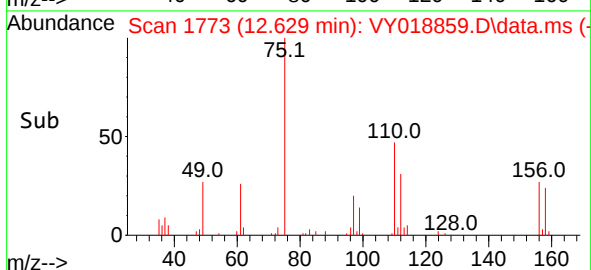
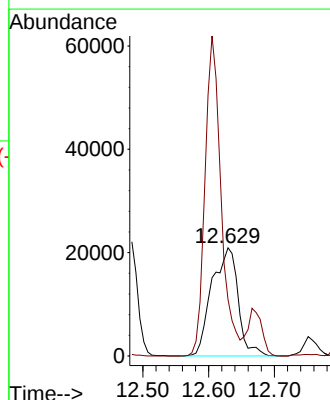
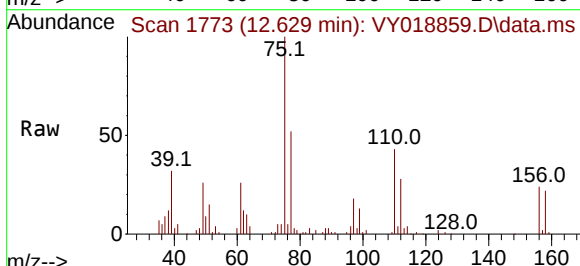
Acq: 18 Jul 2024 10:23

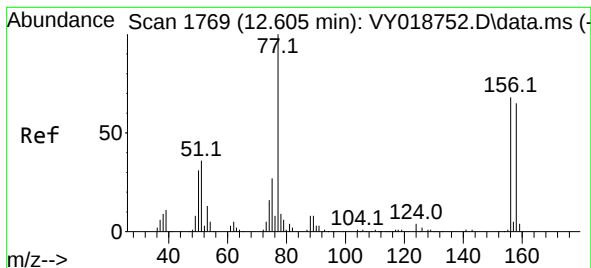
Tgt Ion: 75 Resp: 58360

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.124 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

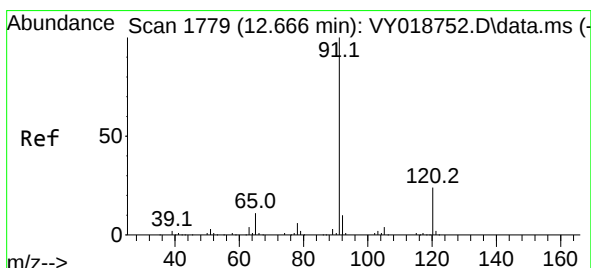
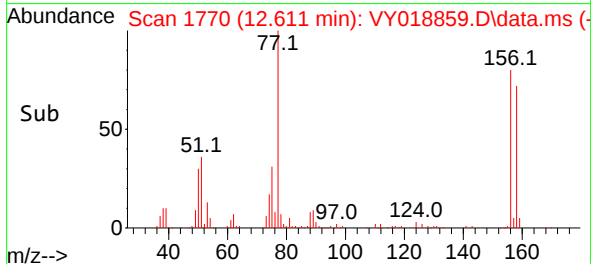
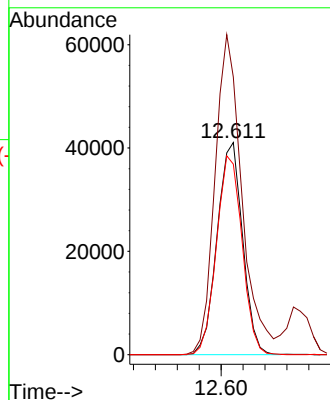
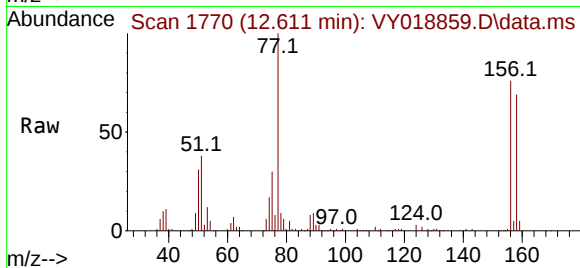
Tgt Ion:156 Resp: 66358

Ion Ratio Lower Upper

156 100

77 159.3 87.1 261.3

158 94.3 48.6 145.9



#78

n-propylbenzene

Concen: 50.700 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018859.D

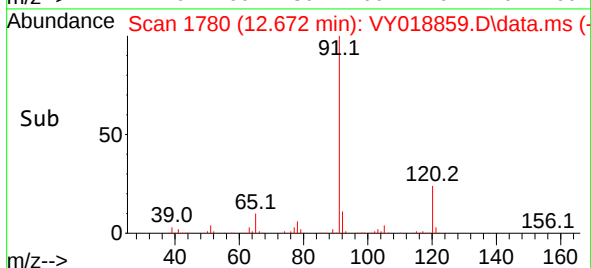
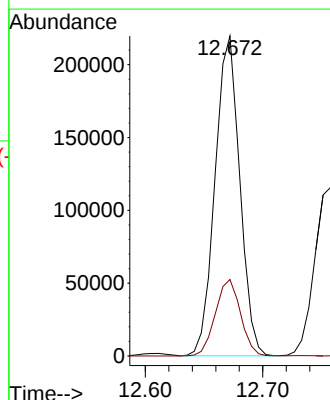
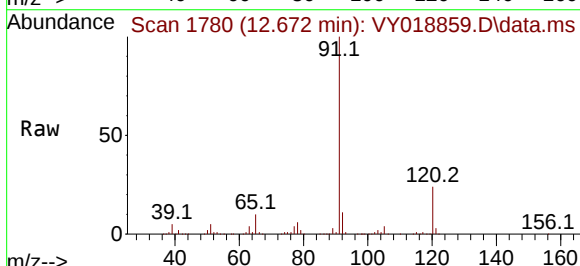
Acq: 18 Jul 2024 10:23

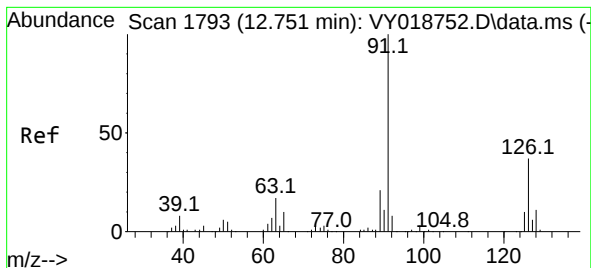
Tgt Ion: 91 Resp: 321067

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.952 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

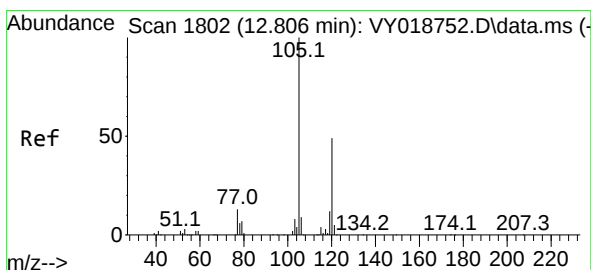
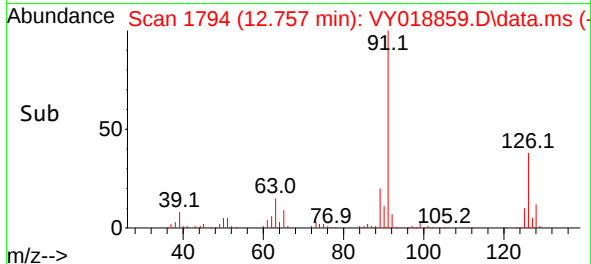
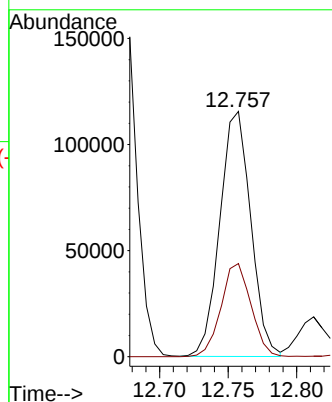
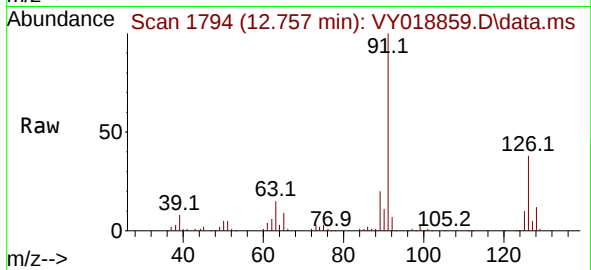
ClientSampleId :

Tgt Ion: 91 Resp: 181430

Ion Ratio Lower Upper

91 100

126 36.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.322 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018859.D

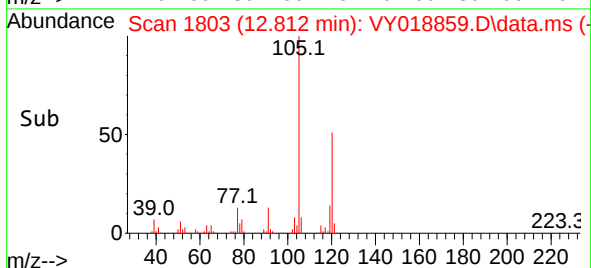
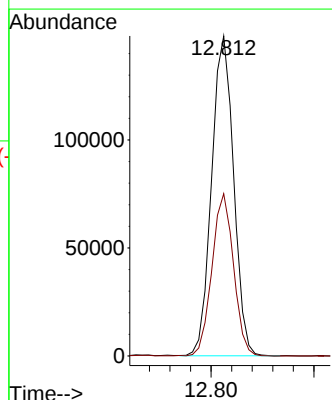
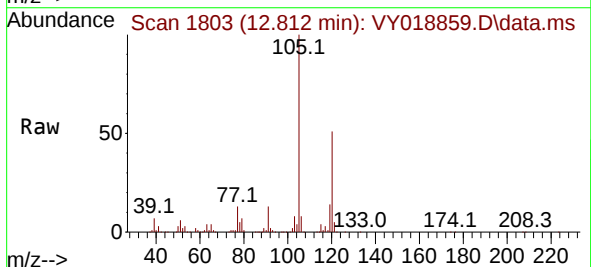
Acq: 18 Jul 2024 10:23

Tgt Ion:105 Resp: 219571

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

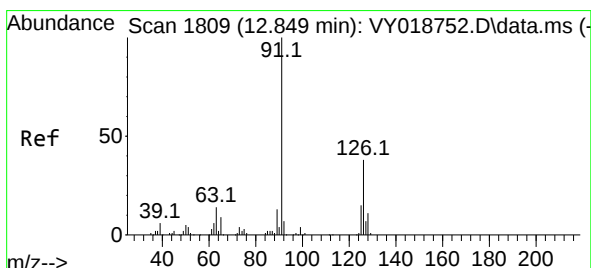
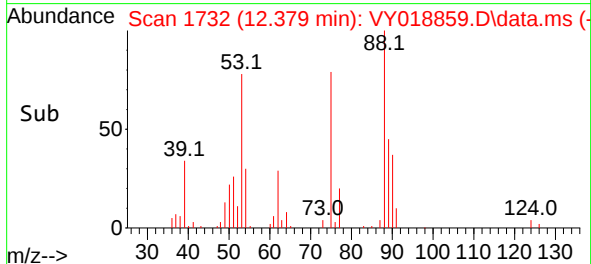
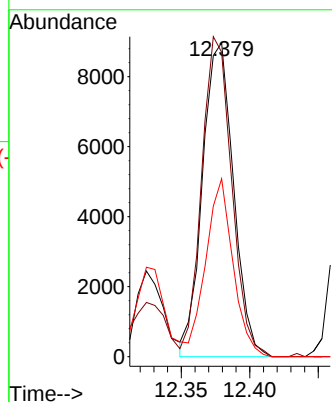
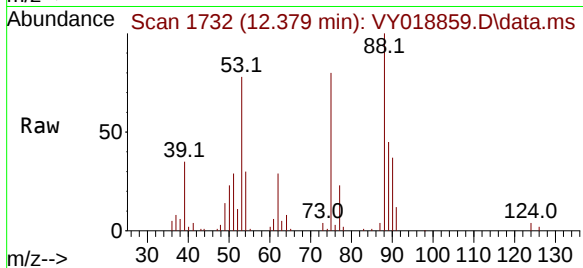




#81
trans-1,4-Dichloro-2-butene
Concen: 55.261 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

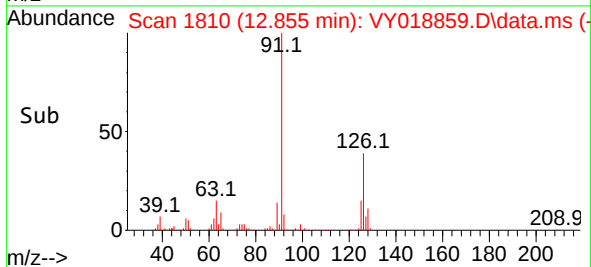
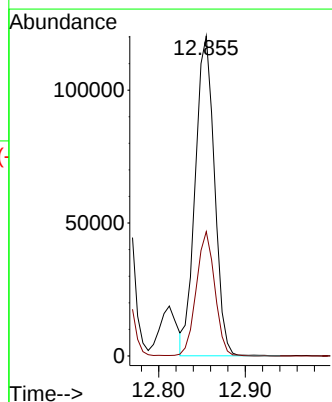
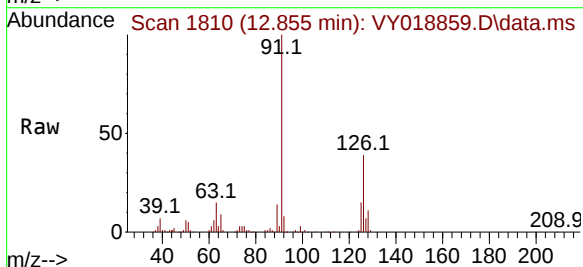
Instrument :
MSVOA_Y
ClientSampleId :

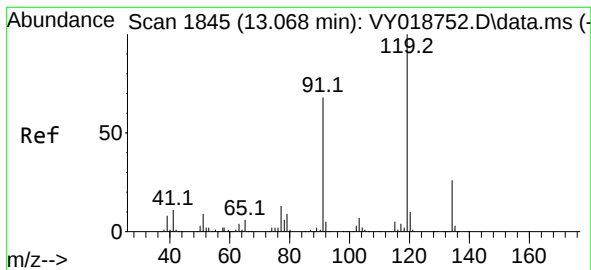
Tgt Ion:	75	Resp:	14091
Ion	Ratio	Lower	Upper
75	100		
53	98.6	66.8	100.2
89	49.4	35.8	53.6



#82
4-Chlorotoluene
Concen: 50.386 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion:	91	Resp:	184746
Ion	Ratio	Lower	Upper
91	100		
126	37.7	17.6	52.9





#83

tert-Butylbenzene

Concen: 51.323 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

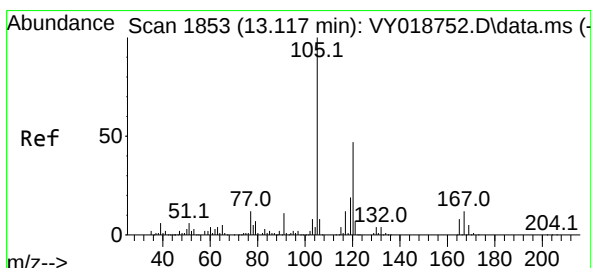
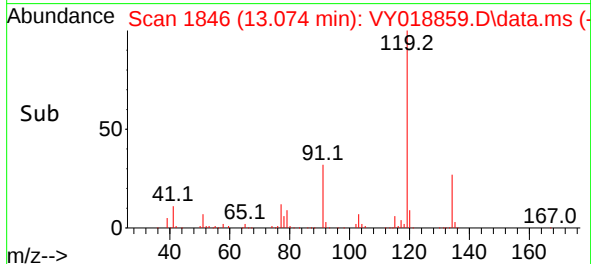
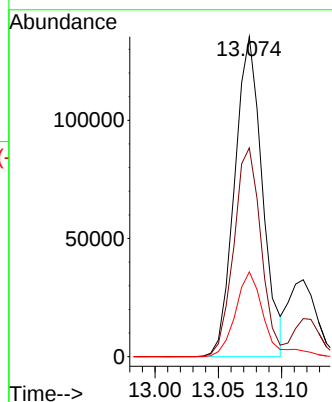
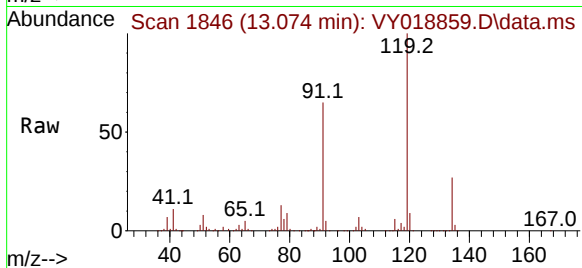
Tgt Ion:119 Resp: 206744

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.184 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018859.D

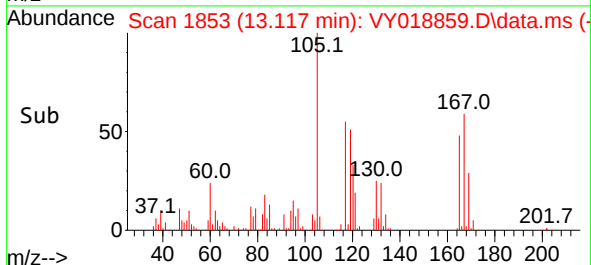
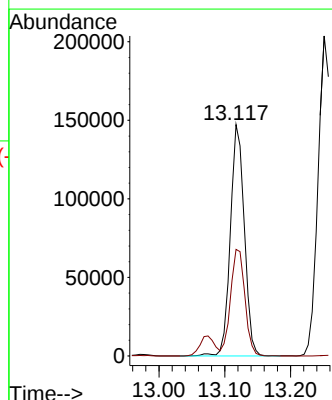
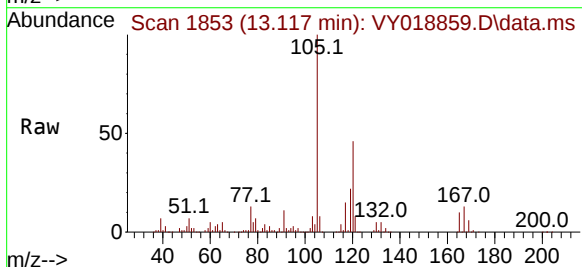
Acq: 18 Jul 2024 10:23

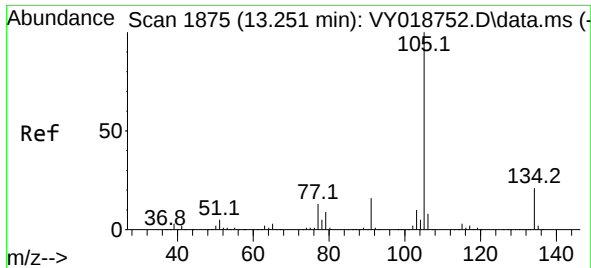
Tgt Ion:105 Resp: 217590

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6

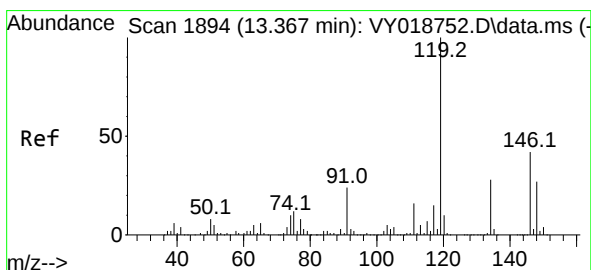
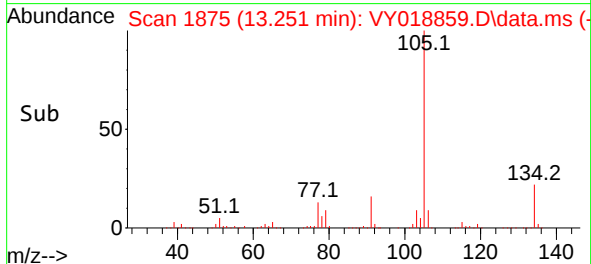
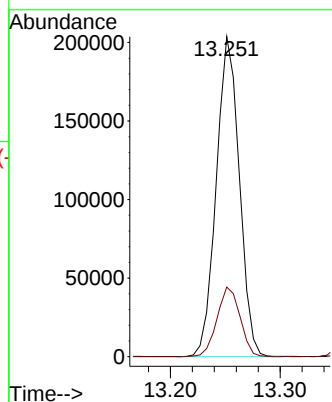
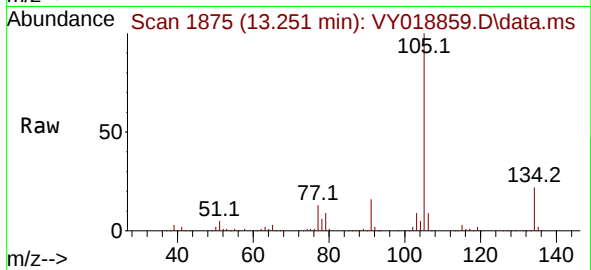




#85
 sec-Butylbenzene
 Concen: 52.138 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY018859.D
 Acq: 18 Jul 2024 10:23

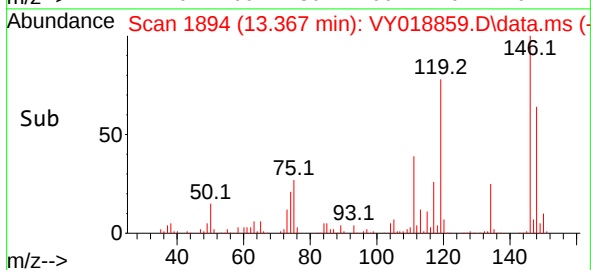
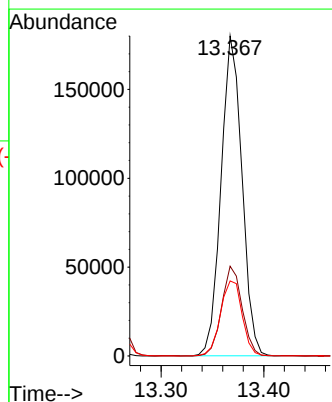
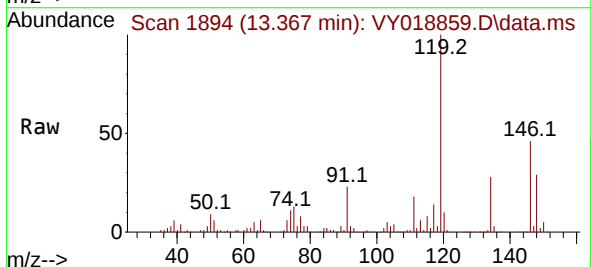
Instrument :
 MSVOA_Y
 ClientSampleId :

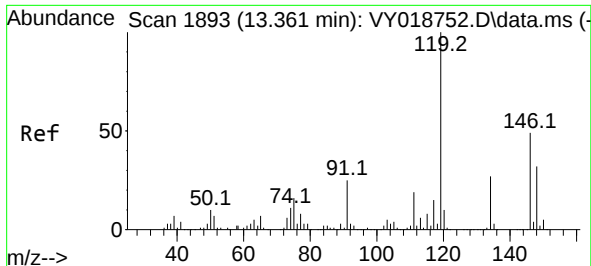
Tgt Ion:105 Resp: 298118
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.411 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY018859.D
 Acq: 18 Jul 2024 10:23

Tgt Ion:119 Resp: 253777
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.1 39.3
 91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.295 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

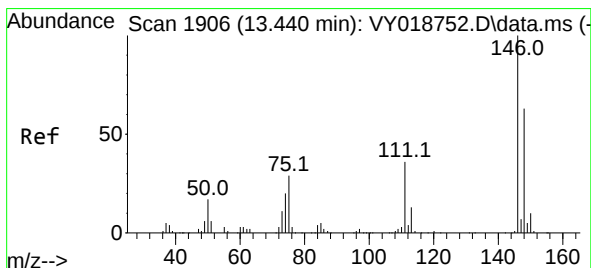
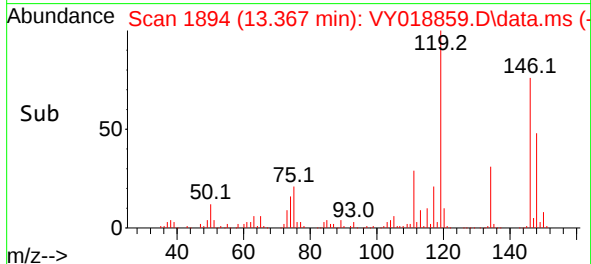
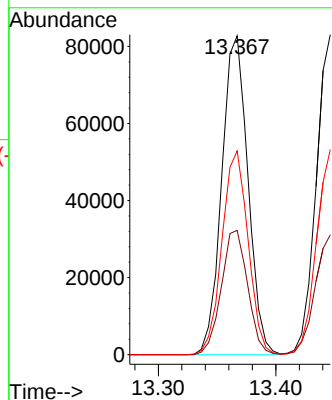
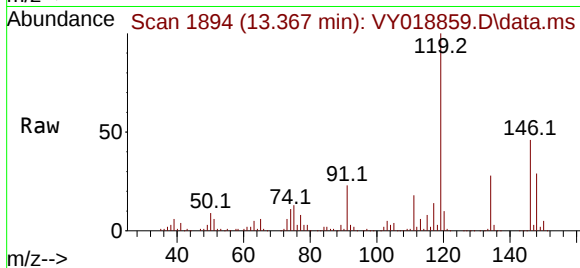
Tgt Ion:146 Resp: 128257

Ion Ratio Lower Upper

146 100

111 39.2 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.527 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

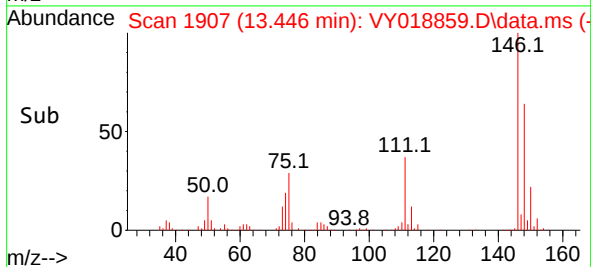
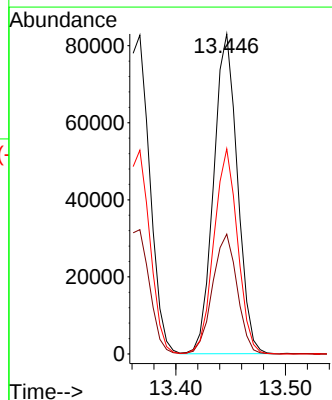
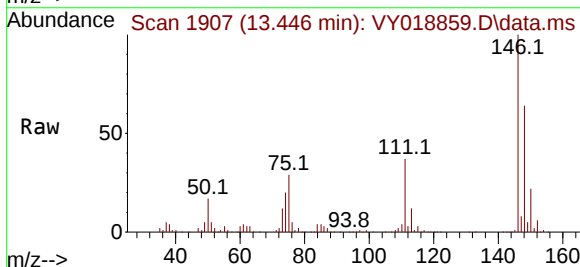
Tgt Ion:146 Resp: 125214

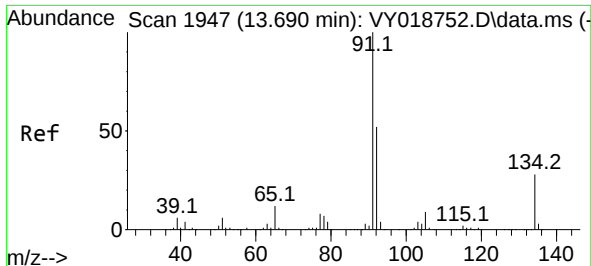
Ion Ratio Lower Upper

146 100

111 38.8 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 51.212 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

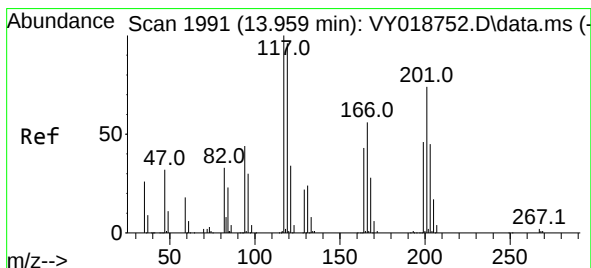
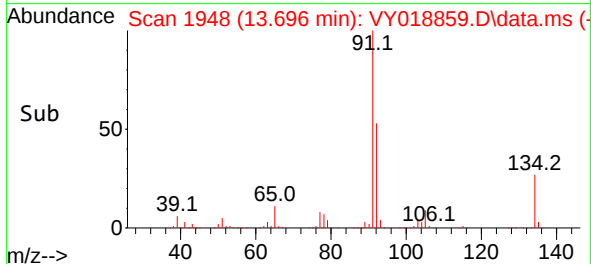
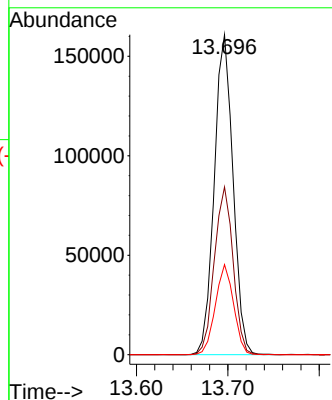
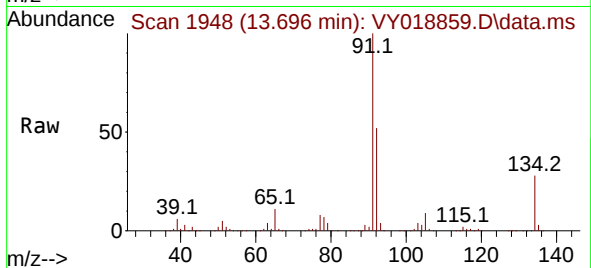
Tgt Ion: 91 Resp: 229180

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 27.5 12.9 38.7



#90

Hexachloroethane

Concen: 51.516 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018859.D

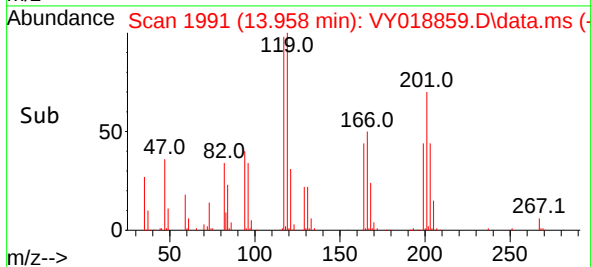
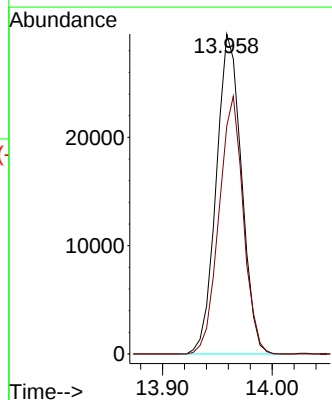
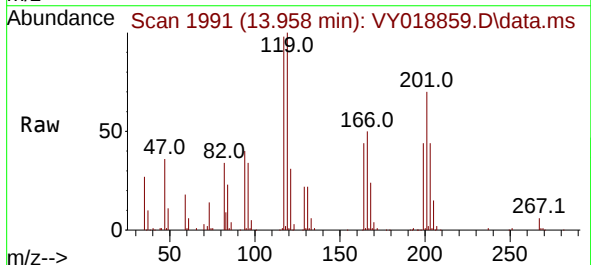
Acq: 18 Jul 2024 10:23

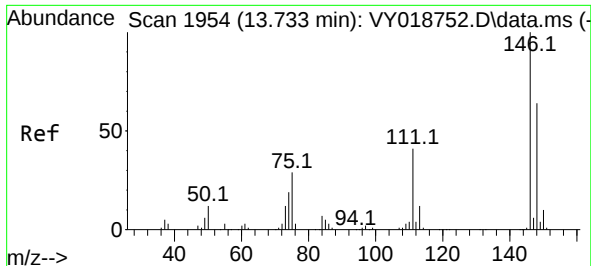
Tgt Ion: 117 Resp: 47292

Ion Ratio Lower Upper

117 100

201 77.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 51.904 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

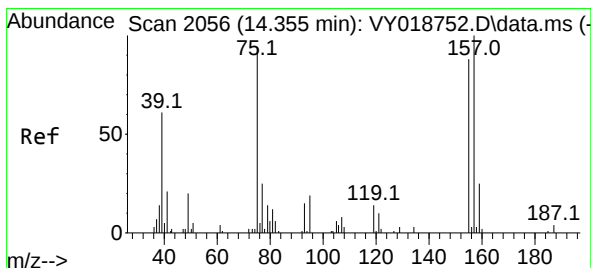
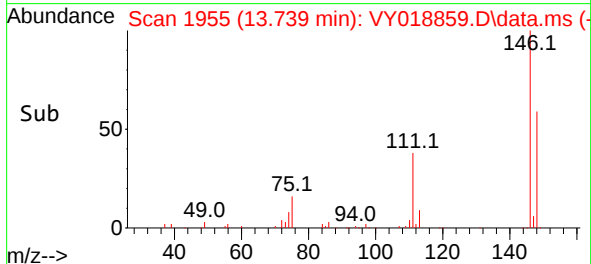
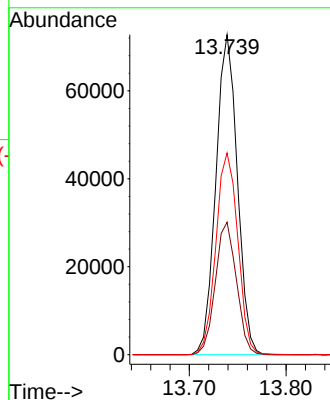
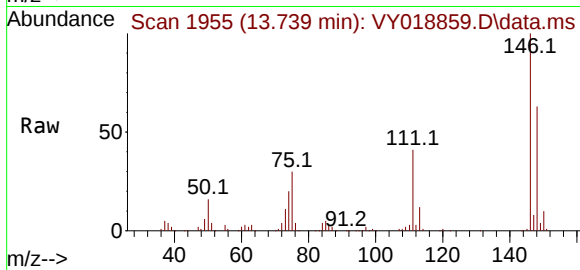
Tgt Ion:146 Resp: 112104

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.727 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

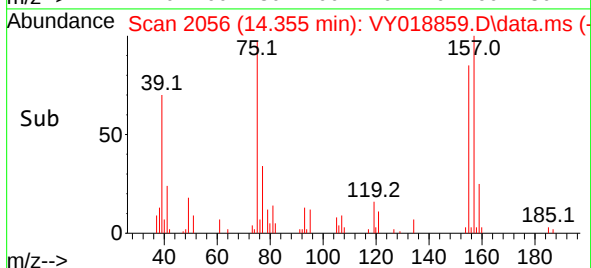
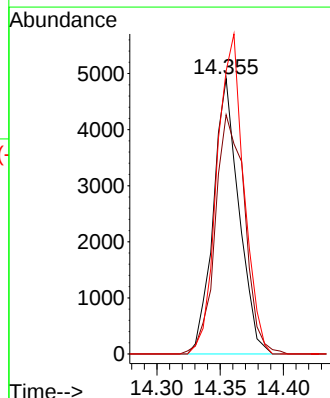
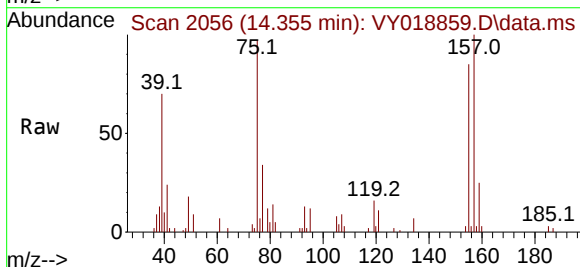
Tgt Ion: 75 Resp: 6910

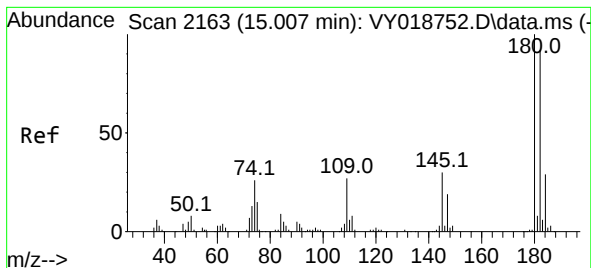
Ion Ratio Lower Upper

75 100

155 100.0 48.6 145.8

157 121.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.228 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

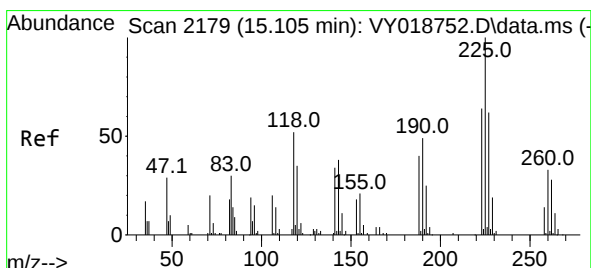
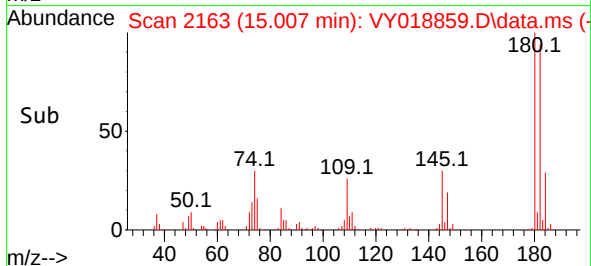
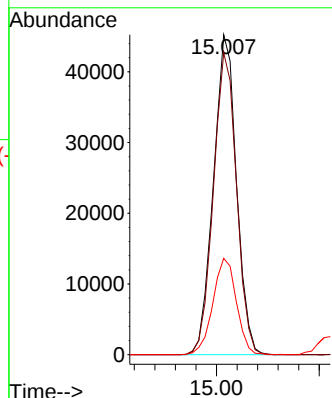
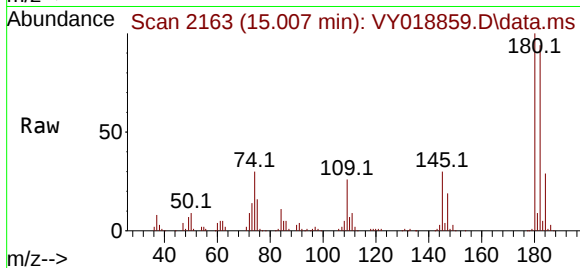
Tgt Ion:180 Resp: 70180

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.713 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018859.D

Acq: 18 Jul 2024 10:23

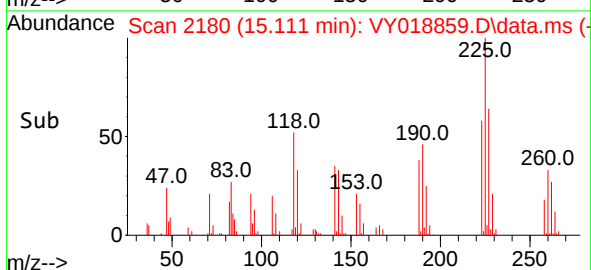
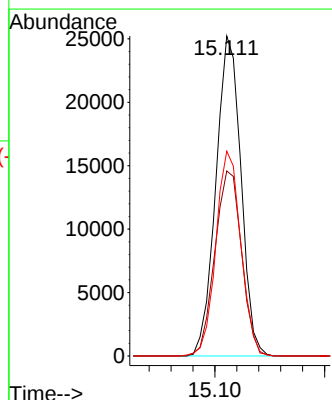
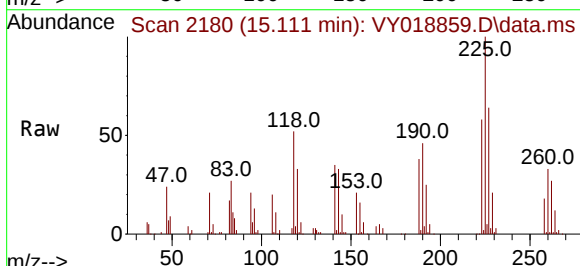
Tgt Ion:225 Resp: 40060

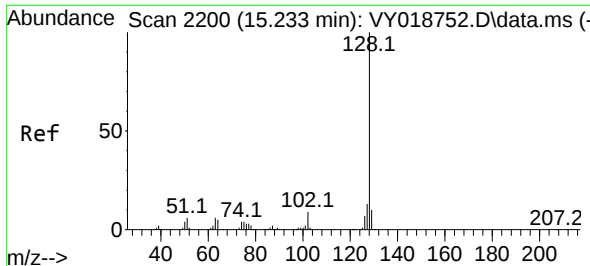
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 63.6 31.9 95.9

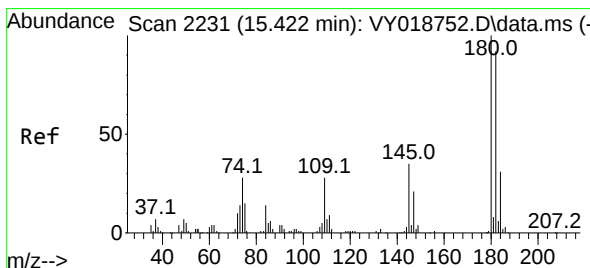
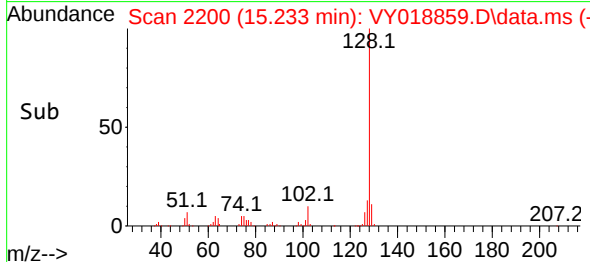
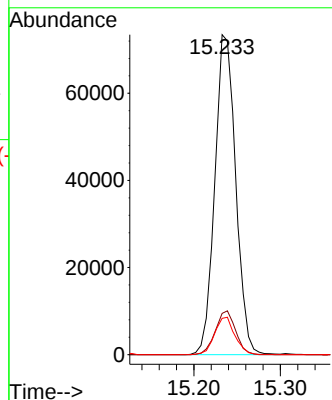
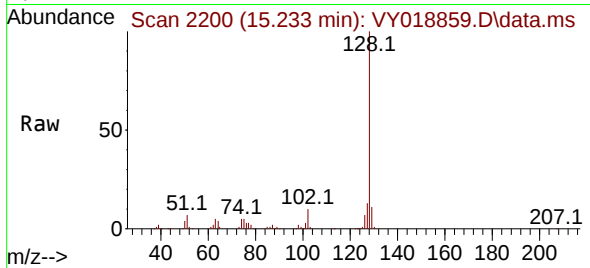




#95
Naphthalene
Concen: 54.446 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 123147
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.137 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY018859.D
Acq: 18 Jul 2024 10:23

Tgt Ion:180 Resp: 61072
Ion Ratio Lower Upper
180 100
182 91.6 47.6 142.9
145 31.0 15.4 46.1

