

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012579.D
 Acq On : 14 Feb 2023 11:13
 Operator : KP/MD
 Sample : VY0214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

Quant Time: Feb 15 04:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77520	51.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.716	113	66372	52.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.260%	
50) Toluene-d8	10.179	98	276112	52.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.483	95	93620	51.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19025	20.684	ug/l	97
3) Chloromethane	2.113	50	16160	17.528	ug/l	92
4) Vinyl Chloride	2.253	62	21922	19.085	ug/l	100
5) Bromomethane	2.644	94	19079	21.085	ug/l	97
6) Chloroethane	2.790	64	16156	20.207	ug/l	97
7) Trichlorofluoromethane	3.125	101	50075	21.210	ug/l	94
8) Diethyl Ether	3.528	74	13336	19.049	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	24020	20.147	ug/l	96
10) Methyl Iodide	4.088	142	28827	18.651	ug/l	97
11) Tert butyl alcohol	4.948	59	11338	71.573	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	22857	19.403	ug/l	95
13) Acrolein	3.729	56	14109	79.759	ug/l	94
14) Allyl chloride	4.473	41	25130	17.496	ug/l	92
15) Acrylonitrile	5.161	53	29068	89.998	ug/l	99
16) Acetone	3.942	43	30811	85.075	ug/l	97
17) Carbon Disulfide	4.192	76	52853	17.298	ug/l	97
18) Methyl Acetate	4.473	43	14882	17.096	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	67385	19.549	ug/l	98
20) Methylene Chloride	4.716	84	29517	19.221	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	25298	19.691	ug/l	94
22) Diisopropyl ether	6.119	45	56638	19.393	ug/l	97
23) Vinyl Acetate	6.058	43	160155	90.965	ug/l	100
24) 1,1-Dichloroethane	6.015	63	40961	19.619	ug/l	95
25) 2-Butanone	6.984	43	33530	83.445	ug/l	99
26) 2,2-Dichloropropane	6.984	77	46315	20.191	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	30215	20.266	ug/l	98
28) Bromochloromethane	7.332	49	14218	18.734	ug/l	94
29) Tetrahydrofuran	7.344	42	18532	85.309	ug/l	92
30) Chloroform	7.502	83	51058	20.284	ug/l	94
31) Cyclohexane	7.783	56	32180	18.497	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	52037	21.303	ug/l	100
36) 1,1-Dichloropropene	7.917	75	33533	19.647	ug/l	98
37) Ethyl Acetate	7.070	43	13624	17.691	ug/l	100
38) Carbon Tetrachloride	7.899	117	49696	21.691	ug/l	96
39) Methylcyclohexane	9.185	83	39897	19.427	ug/l	98
40) Benzene	8.161	78	101788	20.192	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6152m	14.581	ug/l	
42) 1,2-Dichloroethane	8.234	62	34507	21.119	ug/l	99
43) Isopropyl Acetate	8.271	43	26499	18.558	ug/l #	89
44) Trichloroethene	8.935	130	31870	20.769	ug/l	97
45) 1,2-Dichloropropane	9.216	63	21112	19.314	ug/l	100
46) Dibromomethane	9.301	93	14598	20.170	ug/l	99
47) Bromodichloromethane	9.496	83	38715	20.630	ug/l	98
48) Methyl methacrylate	9.289	41	11924	18.269	ug/l	96
49) 1,4-Dioxane	9.301	88	3838	384.136	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	70044	90.920	ug/l	99
52) Toluene	10.246	92	71346	20.871	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38953	20.599	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	41507	20.283	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	21423	20.257	ug/l	94
56) Ethyl methacrylate	10.508	69	25445	19.151	ug/l	98
57) 1,3-Dichloropropane	10.788	76	34454	20.186	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	59843	100.204	ug/l	94
59) 2-Hexanone	10.831	43	52018	89.348	ug/l	98
60) Dibromochloromethane	10.984	129	29484	20.915	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20005	20.189	ug/l	99
64) Tetrachloroethene	10.721	164	36328	21.746	ug/l	98
65) Chlorobenzene	11.514	112	79294	20.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	31812	21.390	ug/l	98
67) Ethyl Benzene	11.593	91	139031	20.866	ug/l	98
68) m/p-Xylenes	11.703	106	112368	42.251	ug/l	99
69) o-Xylene	12.026	106	53468	21.110	ug/l	100
70) Styrene	12.044	104	91771	21.364	ug/l	99
71) Bromoform	12.209	173	19474	20.716	ug/l #	98
73) Isopropylbenzene	12.331	105	147273	20.274	ug/l	98
74) N-amyl acetate	12.142	43	22861	17.386	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	21915	18.658	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	19134m	19.075	ug/l	
77) Bromobenzene	12.611	156	35375	20.092	ug/l	94
78) n-propylbenzene	12.672	91	169343	20.254	ug/l	99
79) 2-Chlorotoluene	12.758	91	95165	20.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	130369	20.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	7862	17.675	ug/l	96
82) 4-Chlorotoluene	12.855	91	100242	20.134	ug/l	99
83) tert-Butylbenzene	13.075	119	113153	20.635	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	127283	20.687	ug/l	99
85) sec-Butylbenzene	13.251	105	161461	20.582	ug/l	99
86) p-Isopropyltoluene	13.367	119	142493	20.938	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	71794	20.494	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	71279	20.313	ug/l	98
89) n-Butylbenzene	13.696	91	118838	20.432	ug/l	99
90) Hexachloroethane	13.959	117	24946	19.970	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	62946	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4294	18.371	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	39508	20.233	ug/l	99
94) Hexachlorobutadiene	15.111	225	25923	21.371	ug/l	100
95) Naphthalene	15.233	128	72174	19.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	34510	20.418	ug/l	99

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QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

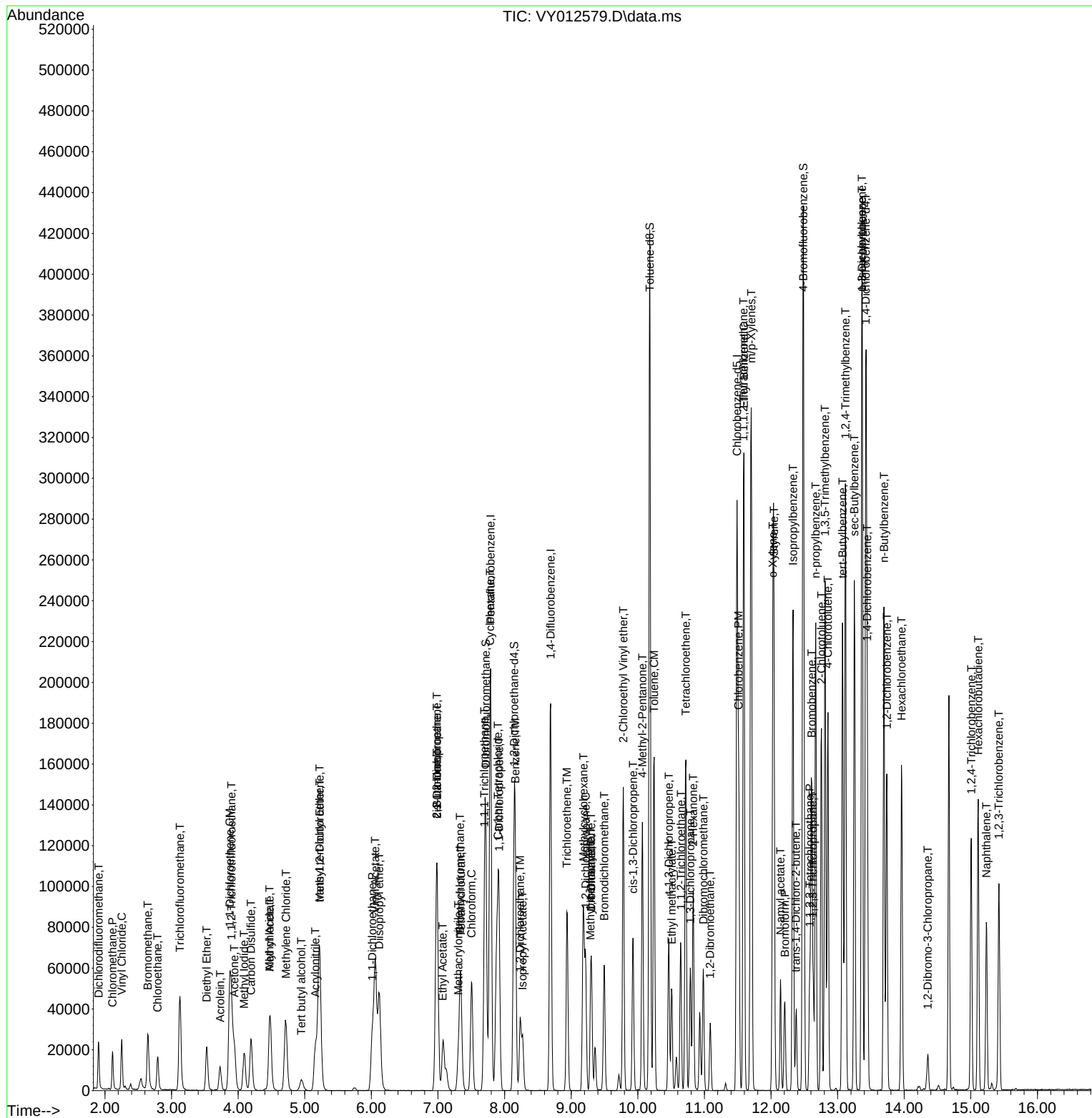
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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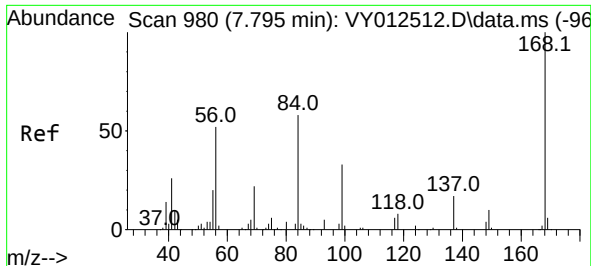
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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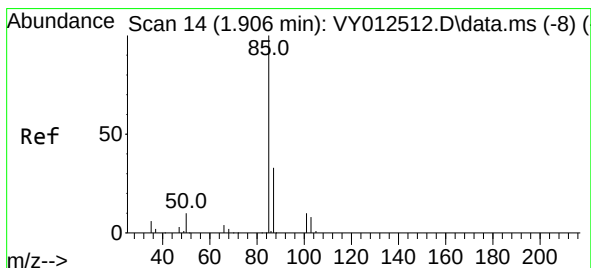
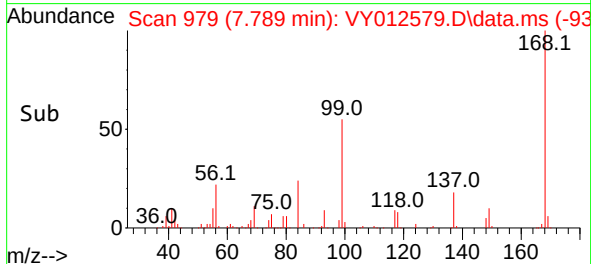
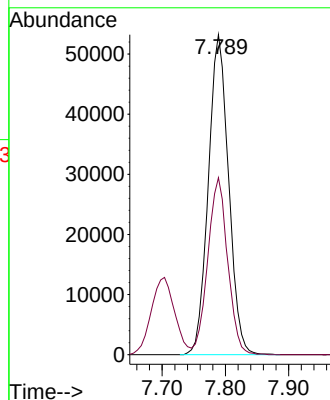
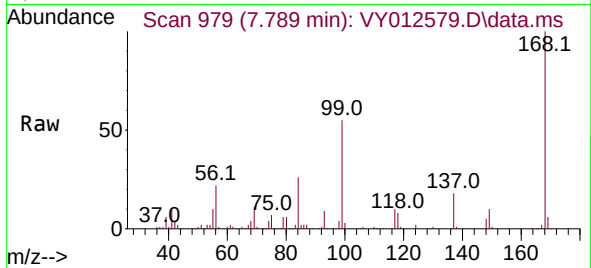




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012579.D
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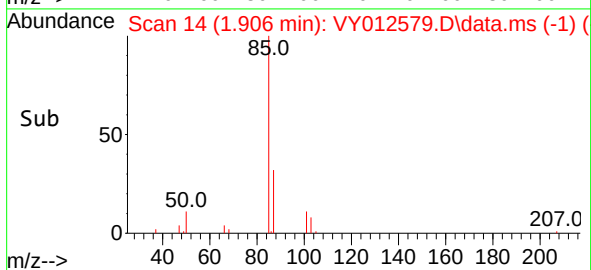
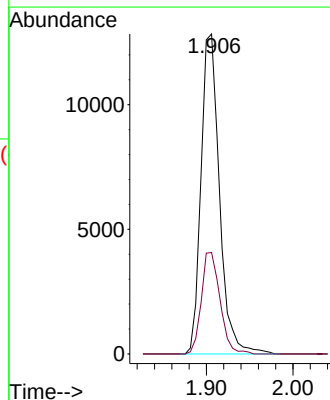
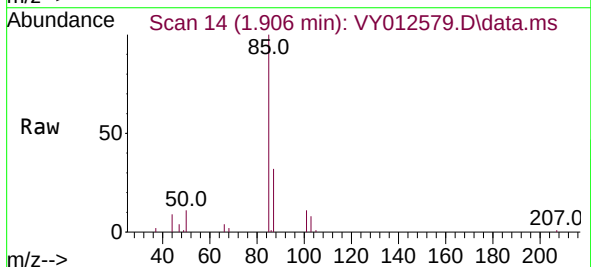
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

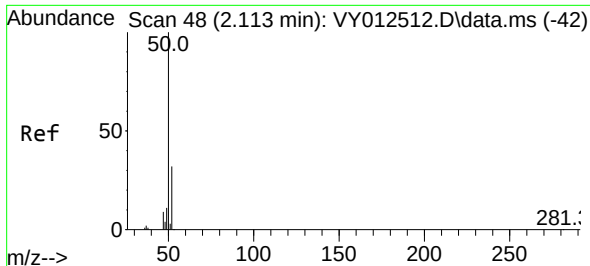
Tgt Ion:168 Resp: 118331
Ion Ratio Lower Upper
168 100
99 55.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 20.684 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 85 Resp: 19025
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8

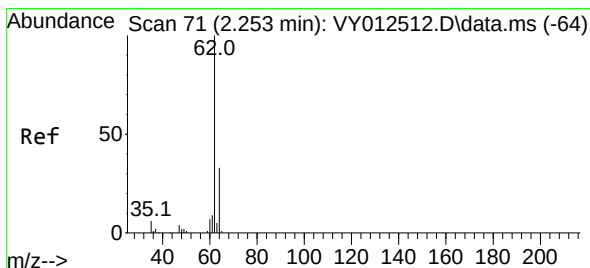
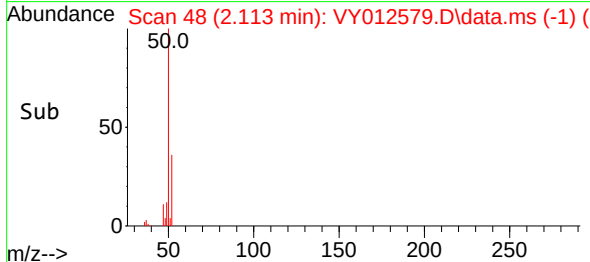
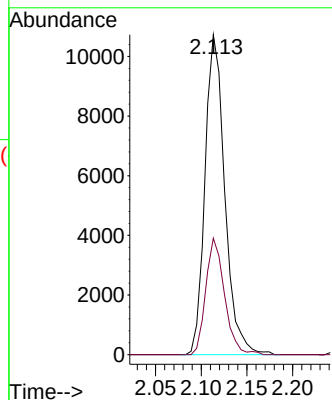
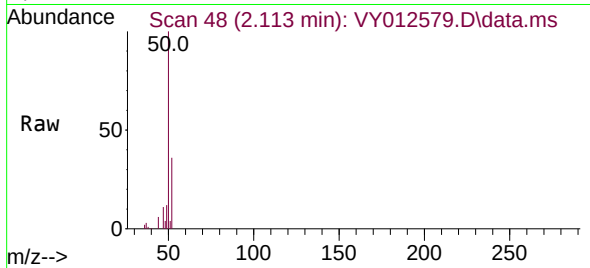




#3
Chloromethane
Concen: 17.528 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

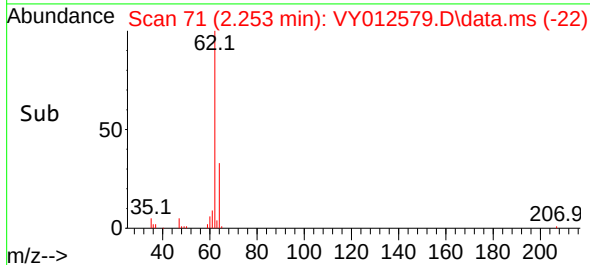
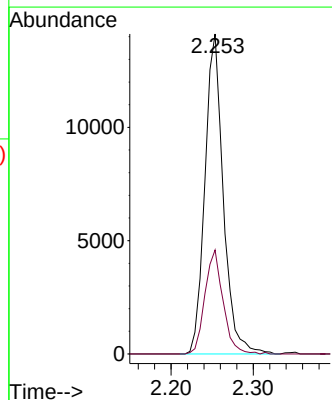
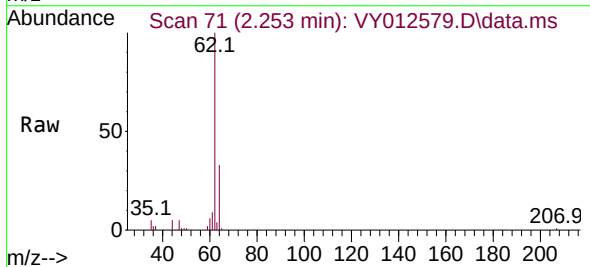
Instrument :
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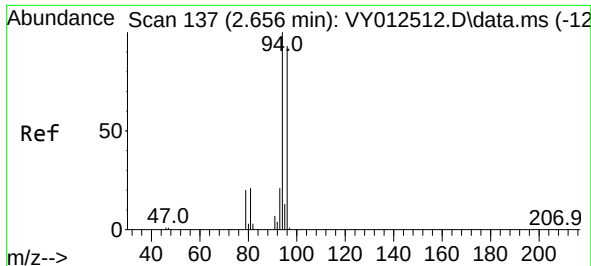
Tgt Ion: 50 Resp: 16160
Ion Ratio Lower Upper
50 100
52 36.4 25.8 38.6



#4
Vinyl Chloride
Concen: 19.085 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 62 Resp: 21922
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

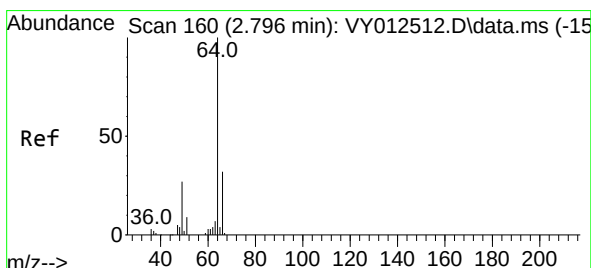
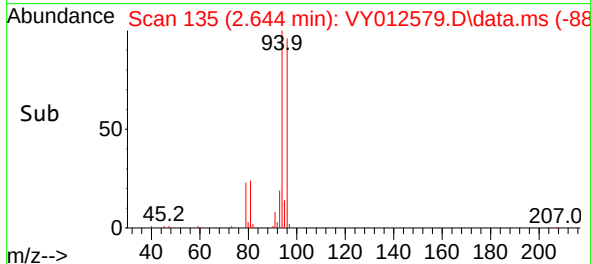
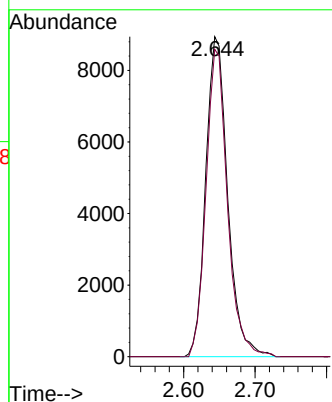
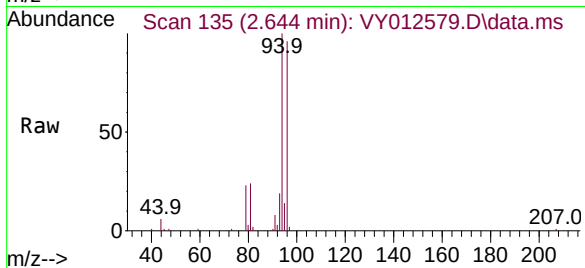




#5
Bromomethane
Concen: 21.085 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

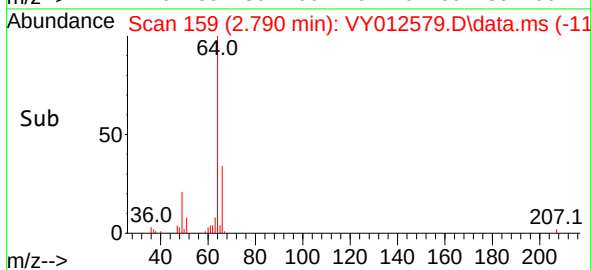
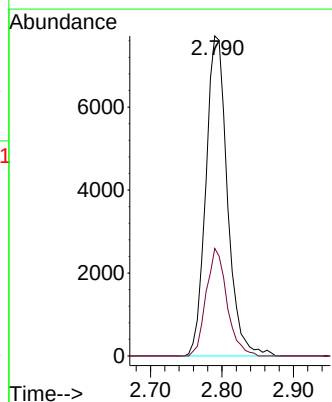
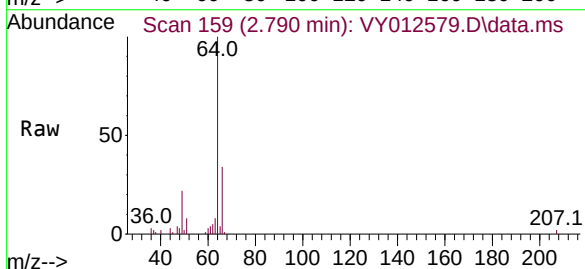
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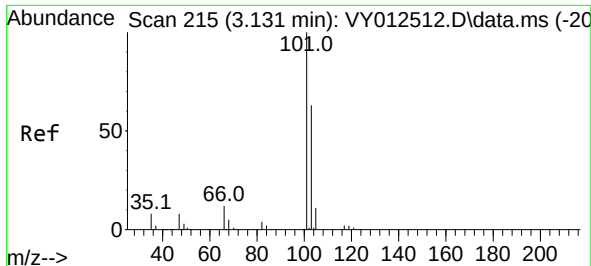
Tgt Ion: 94 Resp: 19079
Ion Ratio Lower Upper
94 100
96 96.0 74.7 112.1



#6
Chloroethane
Concen: 20.207 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 64 Resp: 16156
Ion Ratio Lower Upper
64 100
66 33.6 25.7 38.5

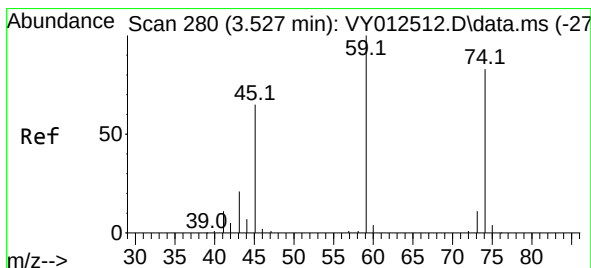
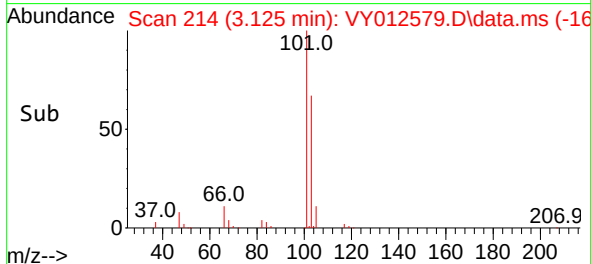
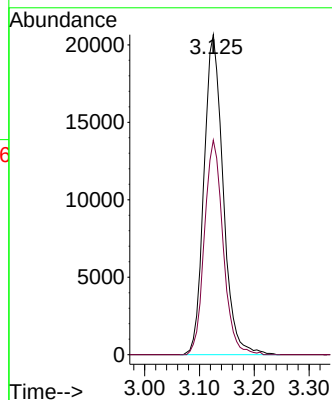
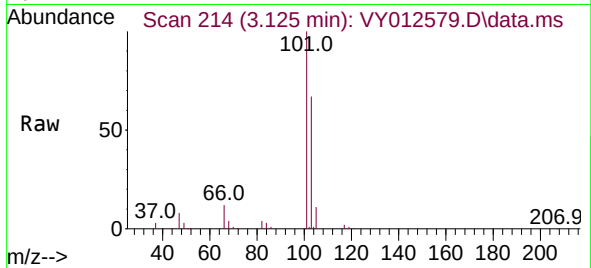




#7
 Trichlorofluoromethane
 Concen: 21.210 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012579.D
 Acq: 14 Feb 2023 11:13

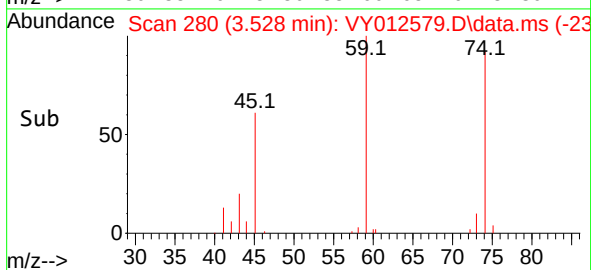
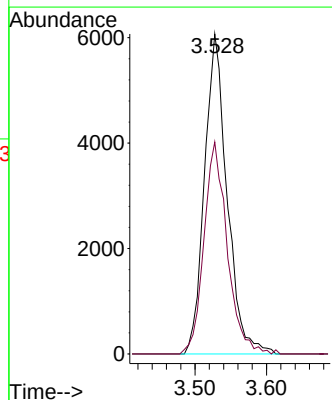
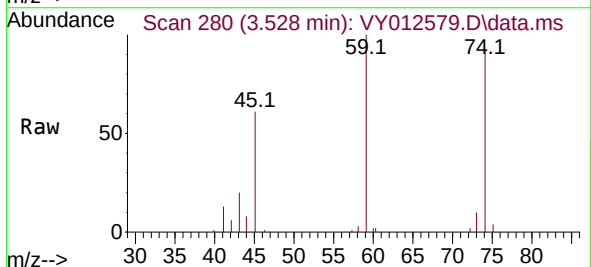
Instrument :
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 ClientSampleId :
 VY0214SBS01

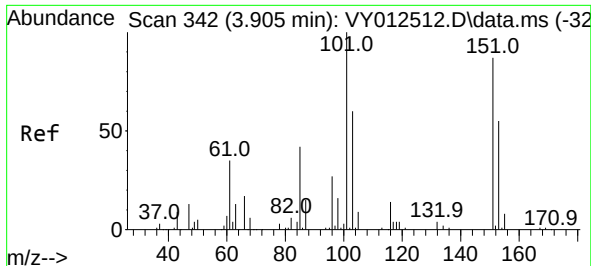
Tgt Ion:101 Resp: 50075
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.049 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY012579.D
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Tgt Ion: 74 Resp: 13336
 Ion Ratio Lower Upper
 74 100
 45 68.1 37.8 113.4

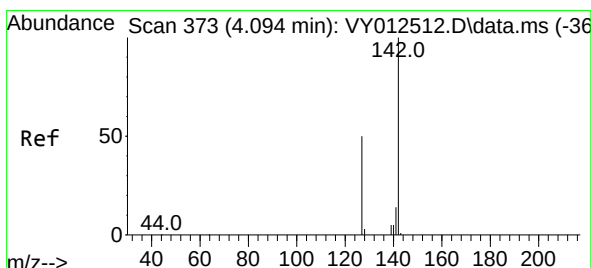
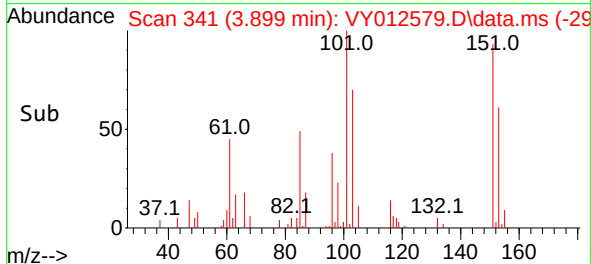
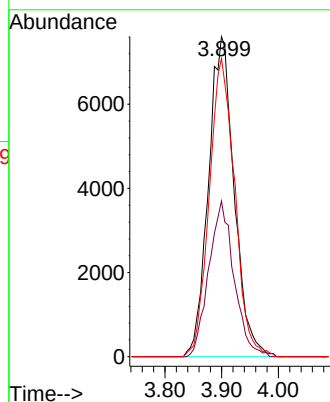
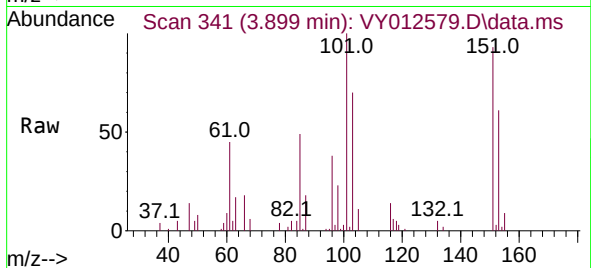




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.147 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

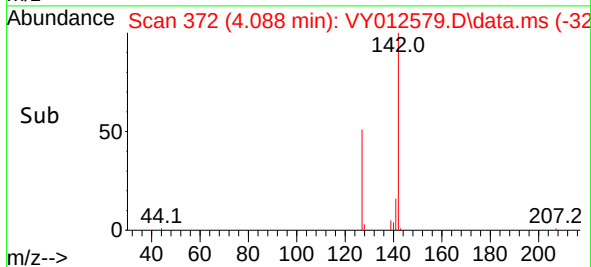
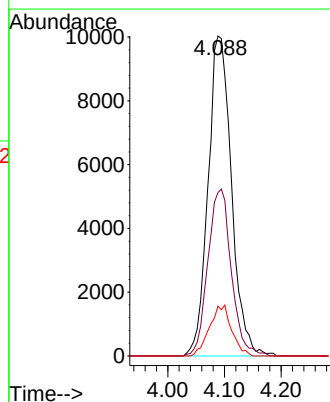
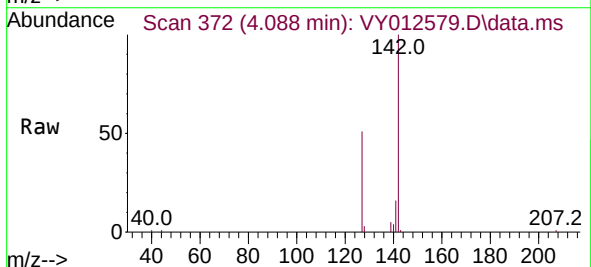
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

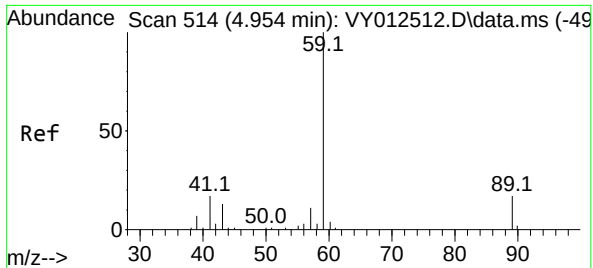
Tgt Ion:101 Resp: 24020
Ion Ratio Lower Upper
101 100
85 47.5 36.1 54.1
151 91.8 70.7 106.1



#10
Methyl Iodide
Concen: 18.651 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:142 Resp: 28827
Ion Ratio Lower Upper
142 100
127 52.1 39.8 59.6
141 15.0 11.6 17.4

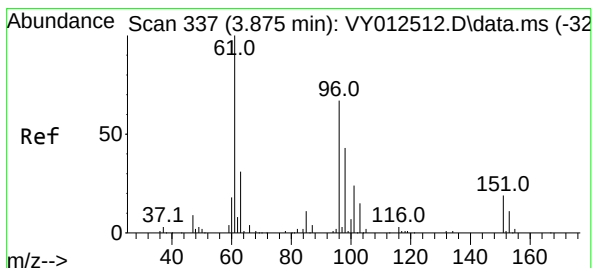
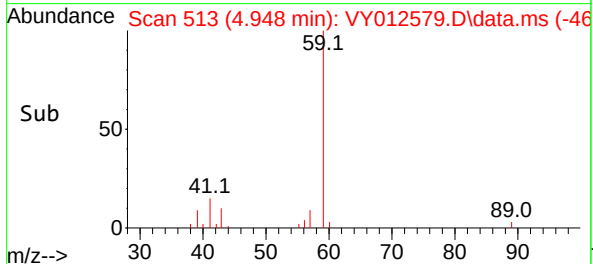
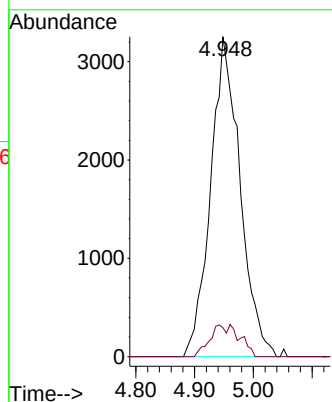
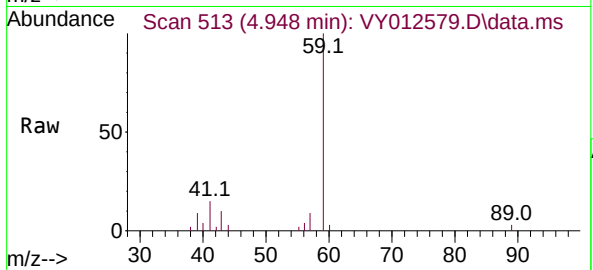




#11
Tert butyl alcohol
Concen: 71.573 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

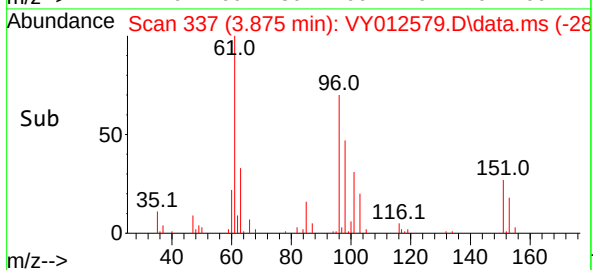
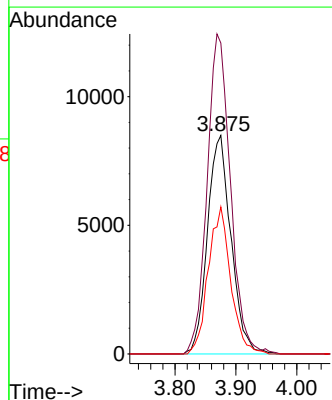
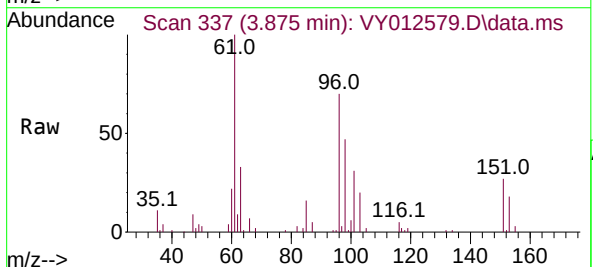
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

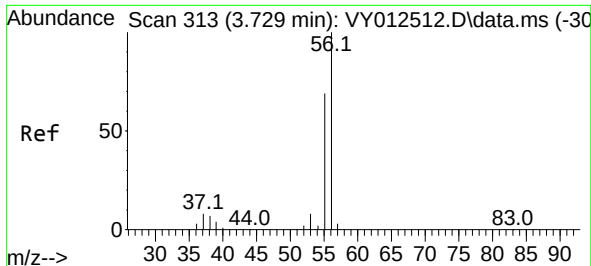
Tgt Ion: 59 Resp: 11338
Ion Ratio Lower Upper
59 100
57 5.7 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 19.403 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 96 Resp: 22857
Ion Ratio Lower Upper
96 100
61 142.3 119.4 179.2
98 67.3 51.9 77.9

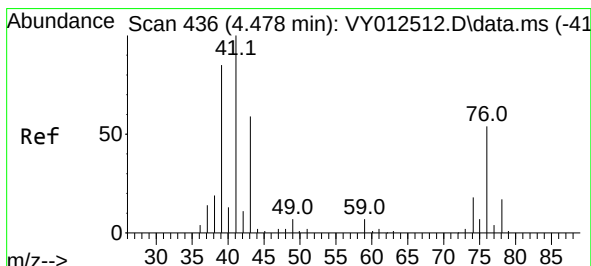
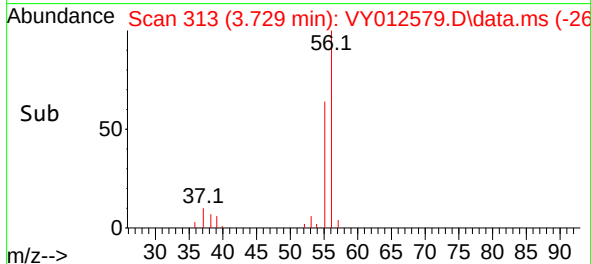
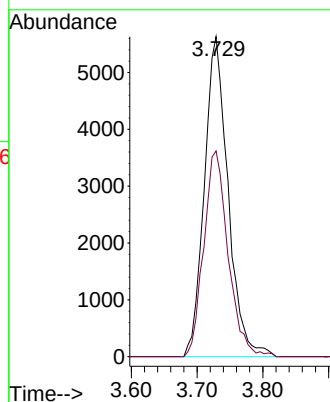
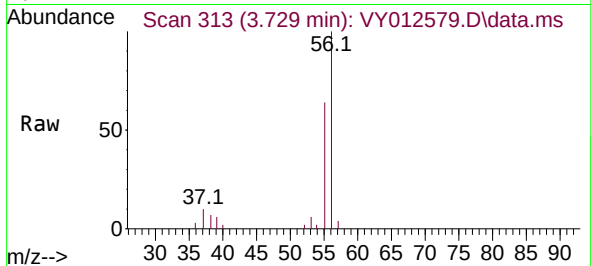




#13
Acrolein
Concen: 79.759 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

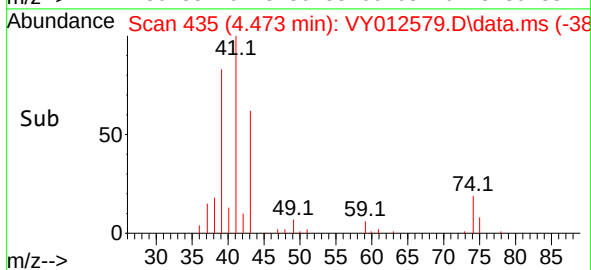
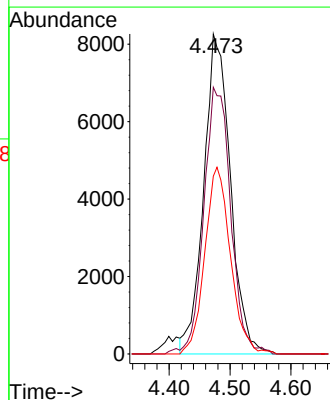
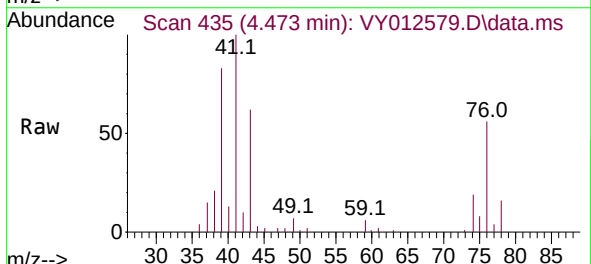
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

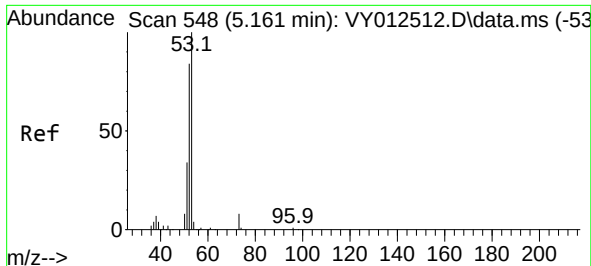
Tgt Ion: 56 Resp: 14109
Ion Ratio Lower Upper
56 100
55 66.1 57.0 85.4



#14
Allyl chloride
Concen: 17.496 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 41 Resp: 25130
Ion Ratio Lower Upper
41 100
39 84.3 62.6 94.0
76 56.4 39.6 59.4

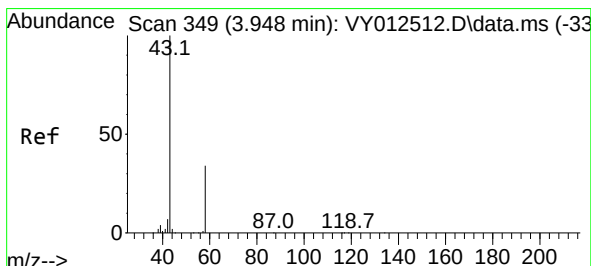
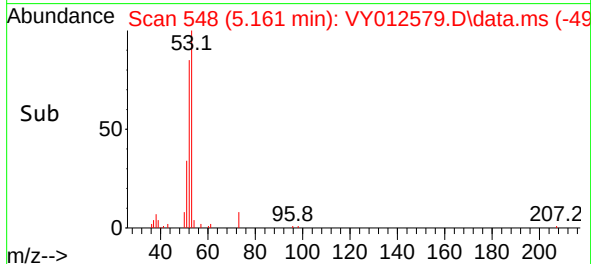
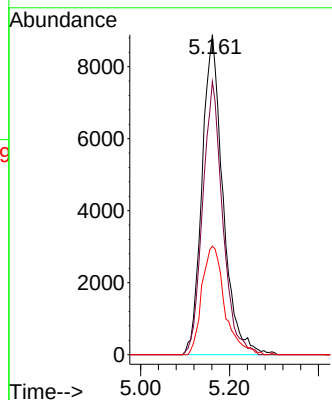
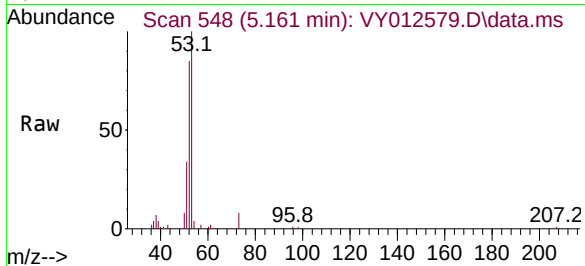




#15
Acrylonitrile
Concen: 89.998 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

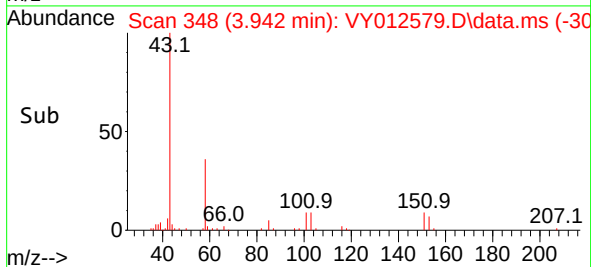
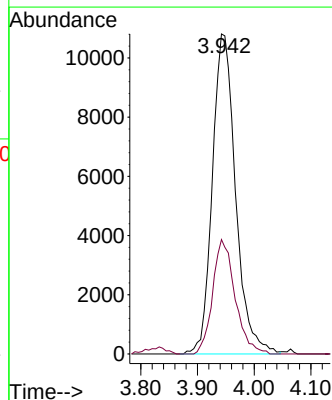
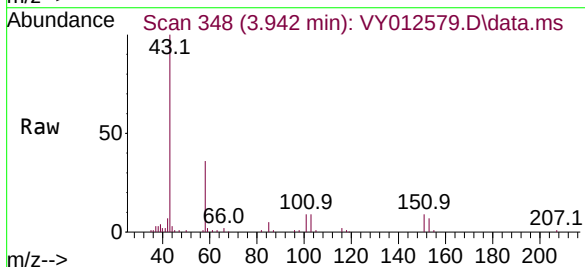
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

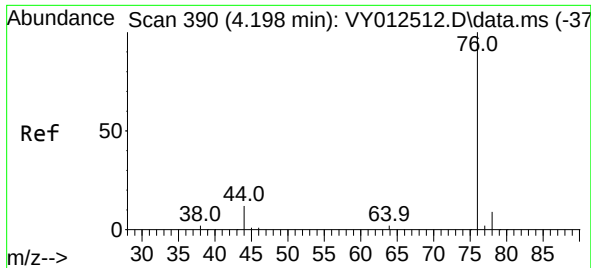
Tgt Ion:	53	Resp:	29068
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.0	97.4
51	36.9	28.7	43.1



#16
Acetone
Concen: 85.075 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:	43	Resp:	30811
Ion	Ratio	Lower	Upper
43	100		
58	35.8	27.1	40.7

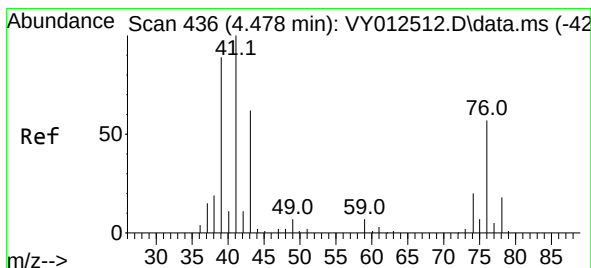
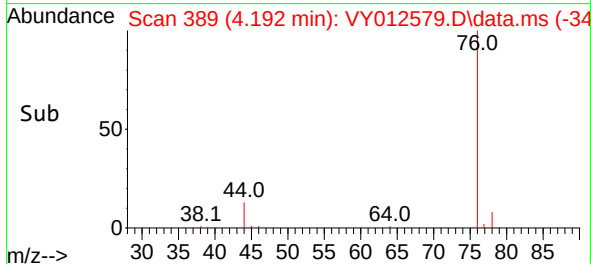
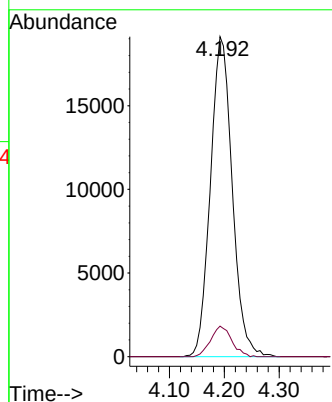
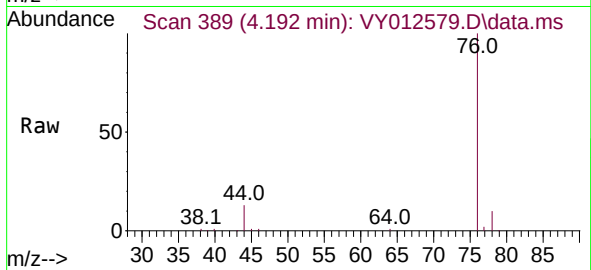




#17
Carbon Disulfide
Concen: 17.298 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

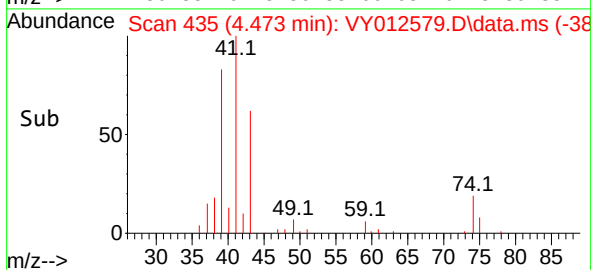
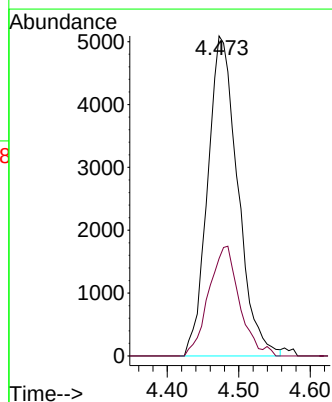
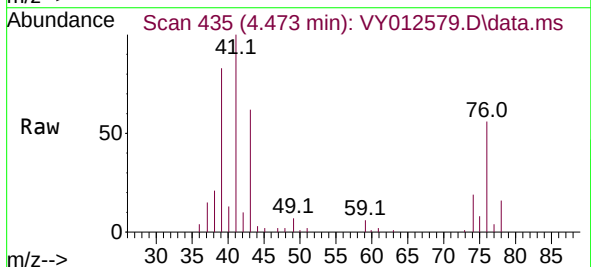
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

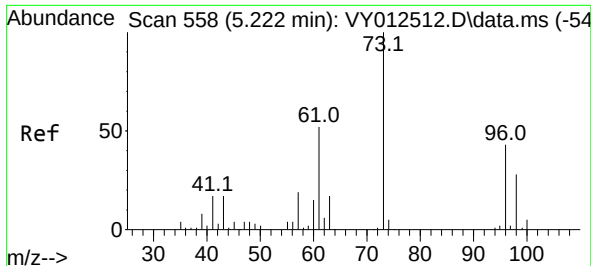
Tgt Ion: 76 Resp: 52853
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 17.096 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 43 Resp: 14882
Ion Ratio Lower Upper
43 100
74 35.1 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 19.549 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

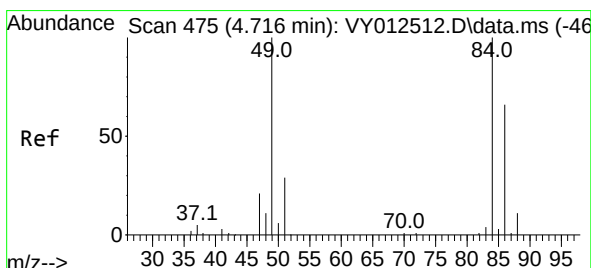
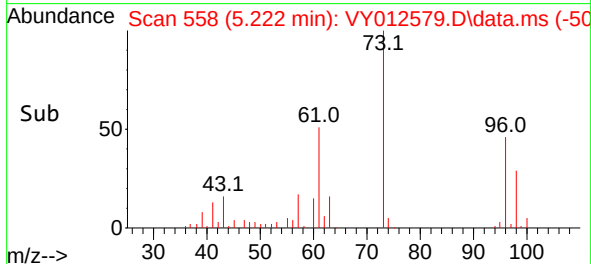
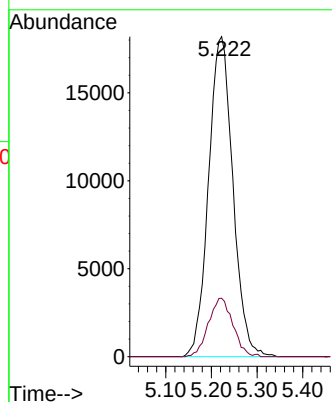
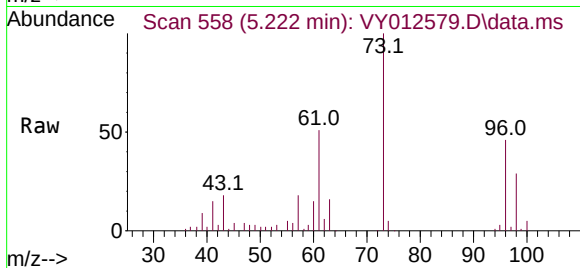
VY0214SBS01

Tgt Ion: 73 Resp: 67385

Ion Ratio Lower Upper

73 100

57 18.3 15.3 22.9



#20

Methylene Chloride

Concen: 19.221 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Tgt Ion: 84 Resp: 29517

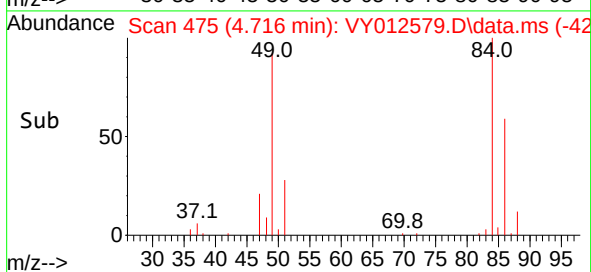
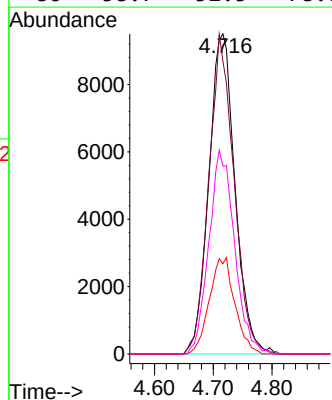
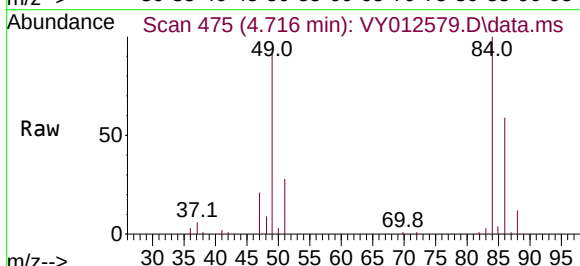
Ion Ratio Lower Upper

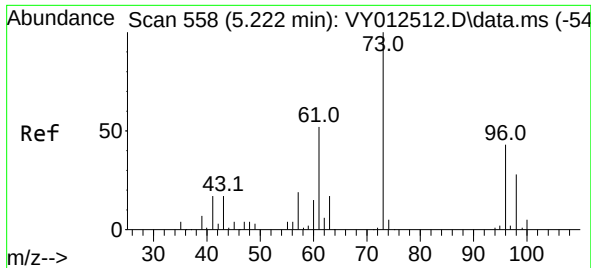
84 100

49 91.6 79.8 119.6

51 28.2 23.4 35.2

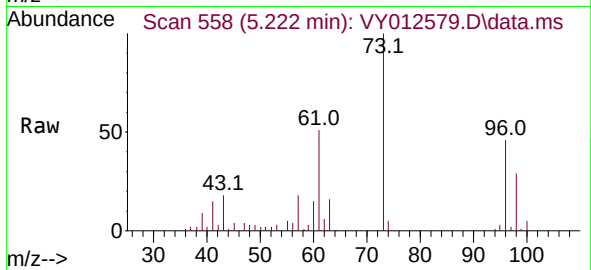
86 58.7 52.5 78.7



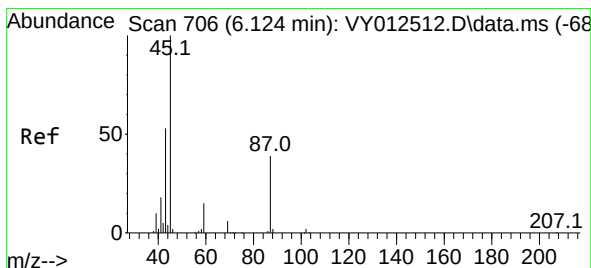
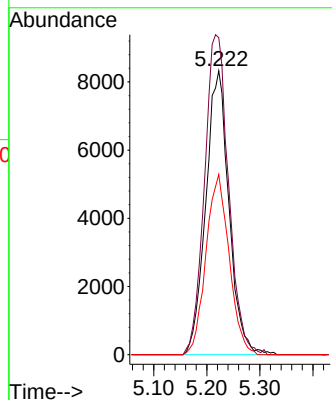
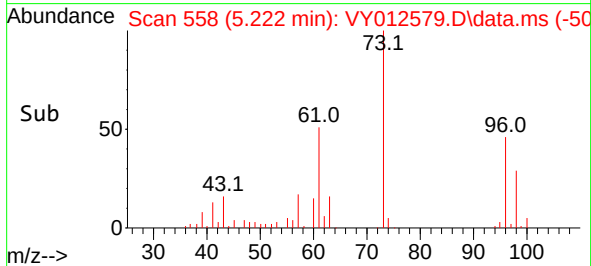


#21
trans-1,2-Dichloroethene
Concen: 19.691 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

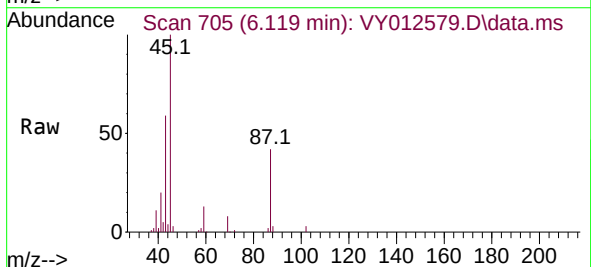
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01



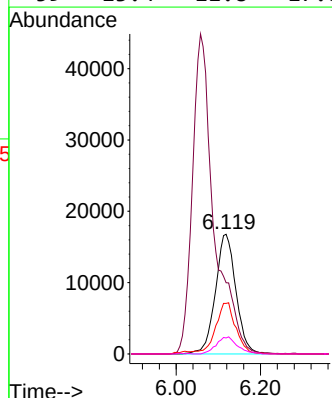
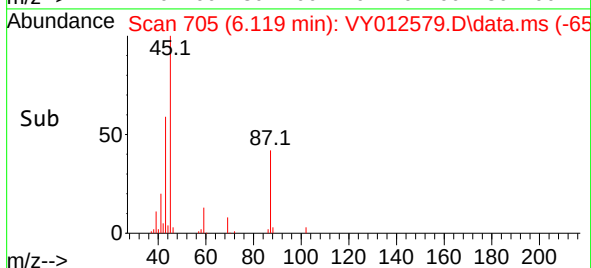
Tgt Ion:	96	Resp:	25298
Ion	Ratio	Lower	Upper
96	100		
61	111.6	96.2	144.4
98	63.5	51.6	77.4

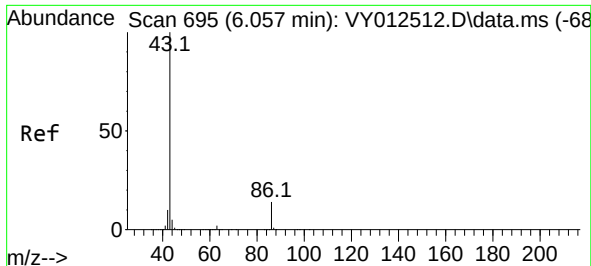


#22
Diisopropyl ether
Concen: 19.393 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13



Tgt Ion:	45	Resp:	56638
Ion	Ratio	Lower	Upper
45	100		
43	59.2	45.9	68.9
87	42.2	32.2	48.4
59	13.4	11.8	17.8

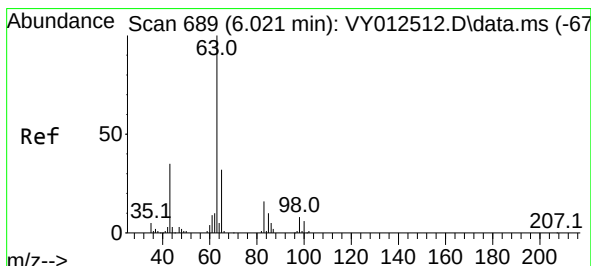
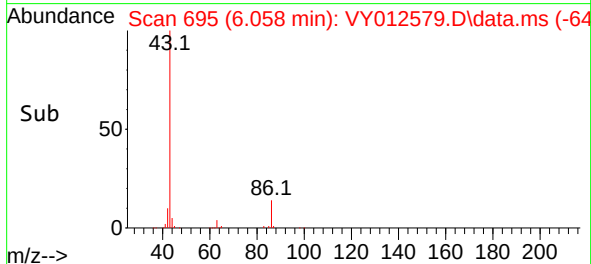
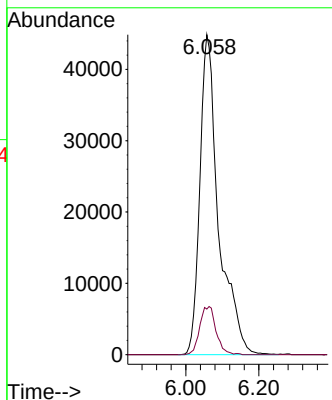
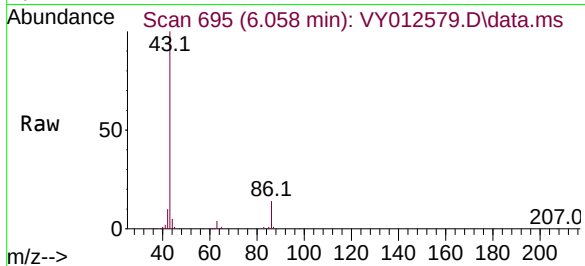




#23
 Vinyl Acetate
 Concen: 90.965 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012579.D
 Acq: 14 Feb 2023 11:13

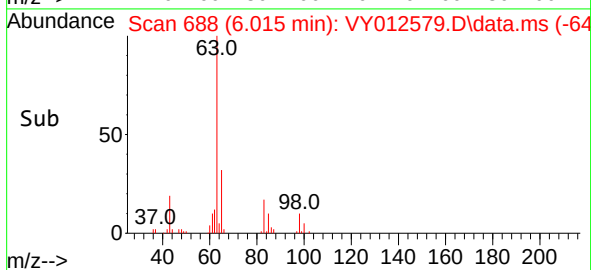
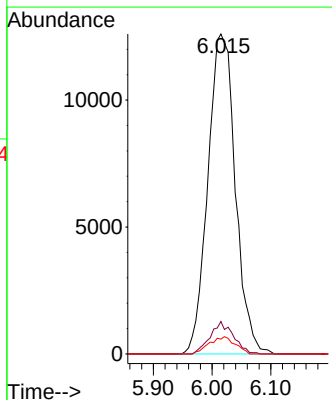
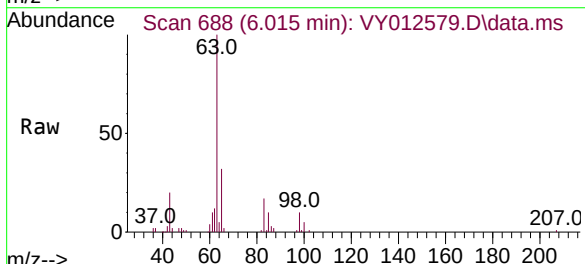
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

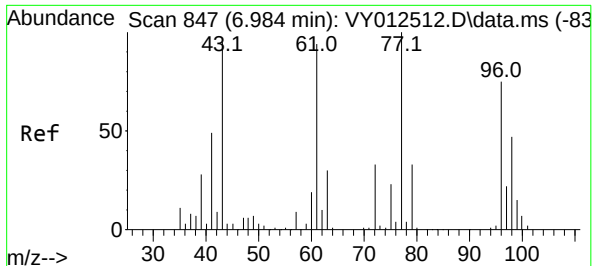
Tgt Ion: 43 Resp: 160155
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 19.619 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012579.D
 Acq: 14 Feb 2023 11:13

Tgt Ion: 63 Resp: 40961
 Ion Ratio Lower Upper
 63 100
 98 10.2 4.1 12.3
 100 4.6 2.9 8.8





#25

2-Butanone

Concen: 83.445 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

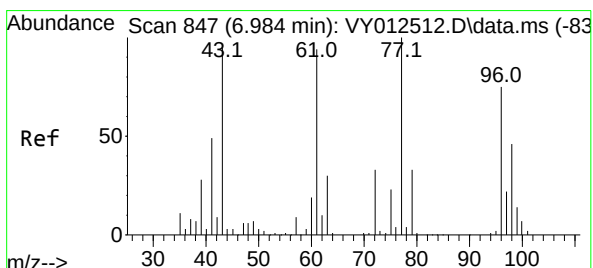
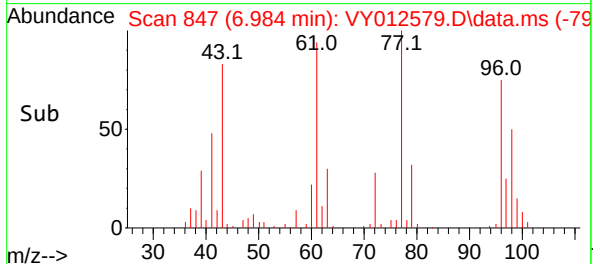
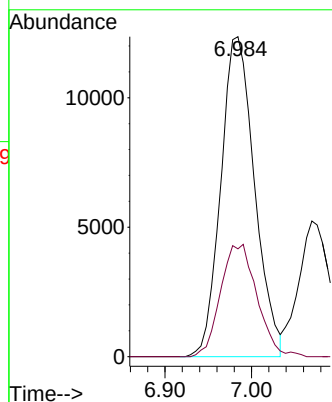
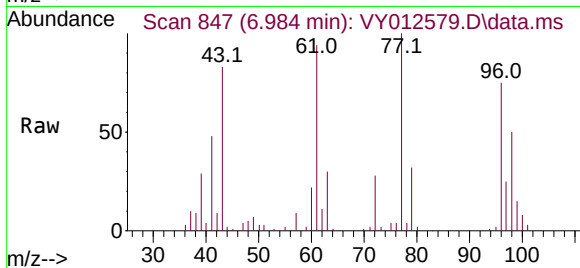
VY0214SBS01

Tgt Ion: 43 Resp: 33530

Ion Ratio Lower Upper

43 100

72 33.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.191 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012579.D

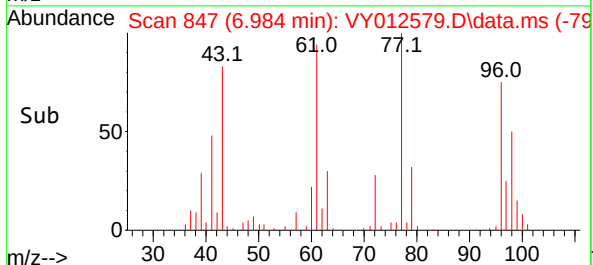
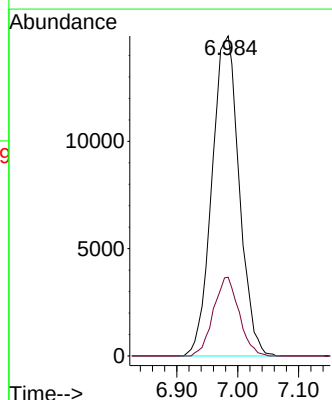
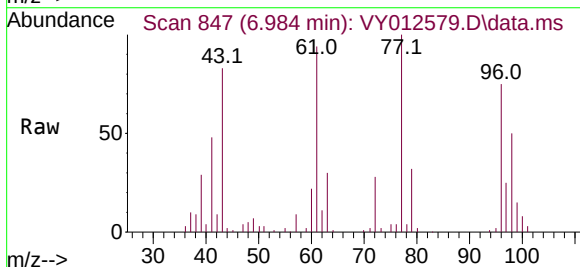
Acq: 14 Feb 2023 11:13

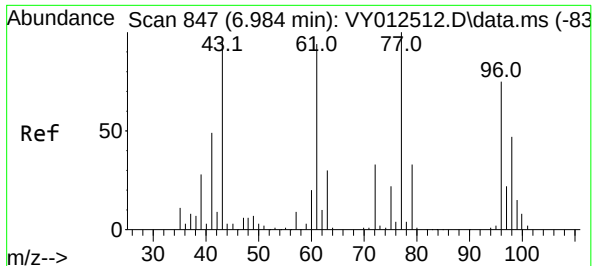
Tgt Ion: 77 Resp: 46315

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.266 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

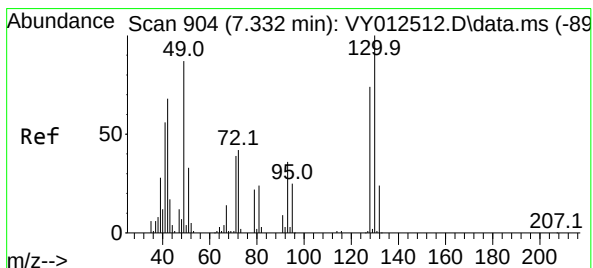
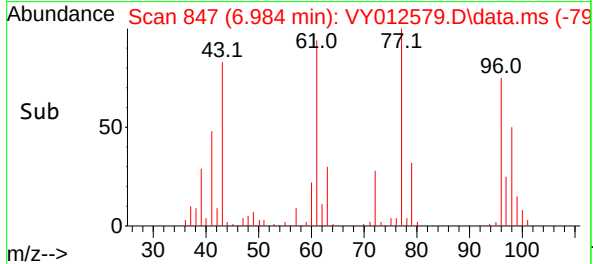
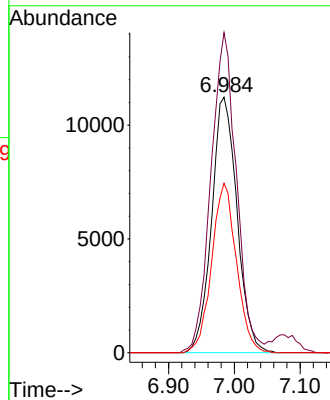
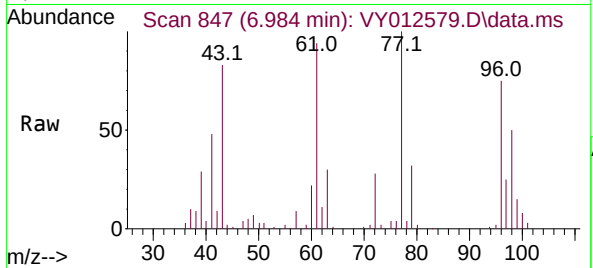
Tgt Ion: 96 Resp: 30215

Ion Ratio Lower Upper

96 100

61 125.5 0.0 259.2

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 18.734 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

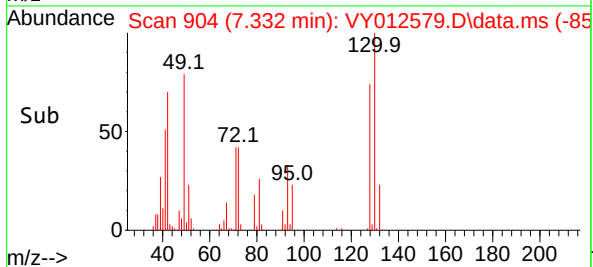
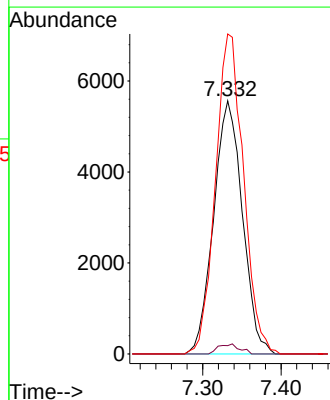
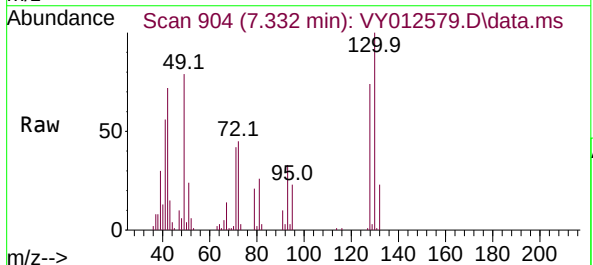
Tgt Ion: 49 Resp: 14218

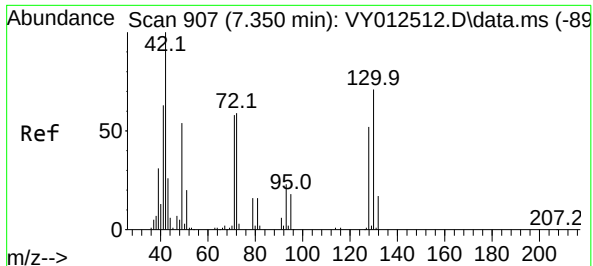
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 123.1 93.1 139.7





#29

Tetrahydrofuran

Concen: 85.309 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

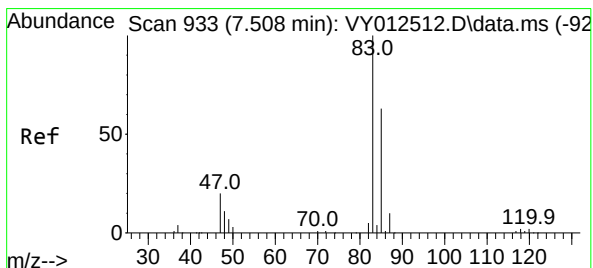
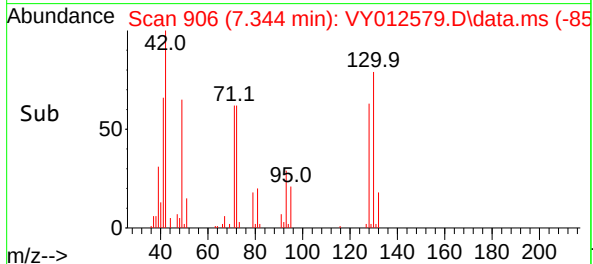
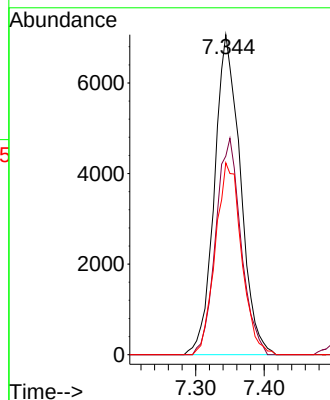
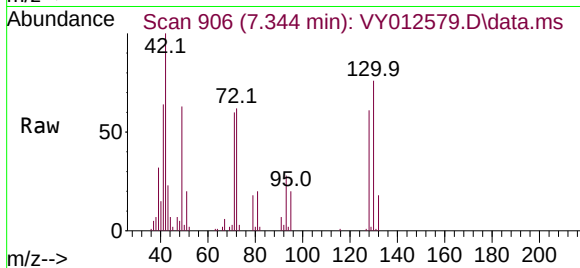
Tgt Ion: 42 Resp: 18532

Ion Ratio Lower Upper

42 100

72 66.0 47.0 70.6

71 60.6 44.6 66.8



#30

Chloroform

Concen: 20.284 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012579.D

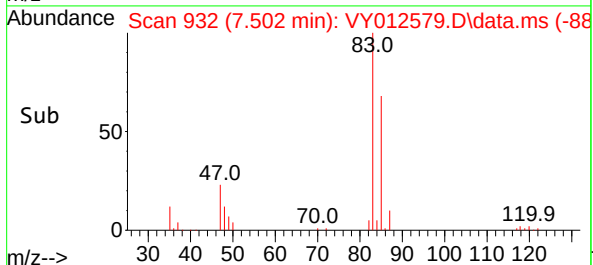
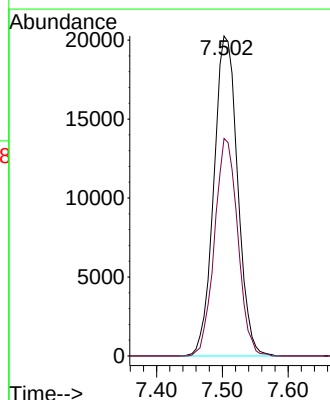
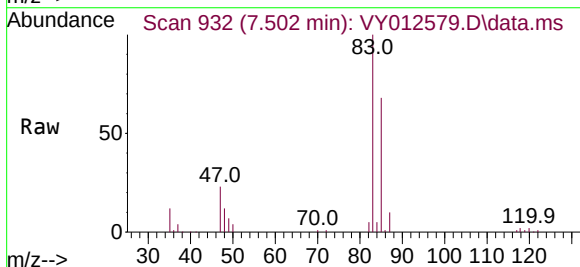
Acq: 14 Feb 2023 11:13

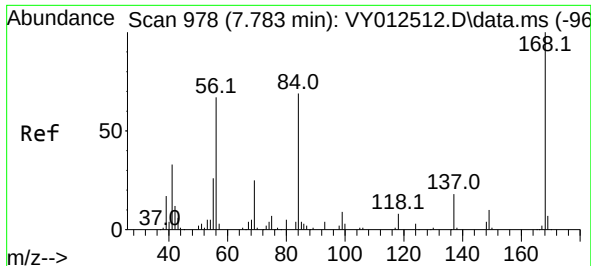
Tgt Ion: 83 Resp: 51058

Ion Ratio Lower Upper

83 100

85 67.9 50.8 76.2

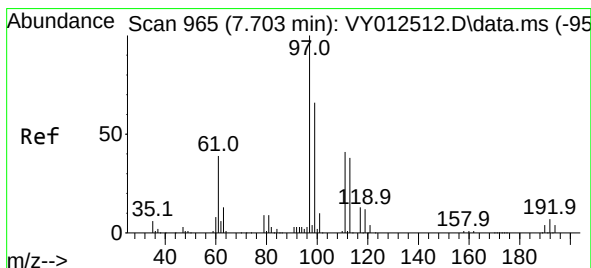
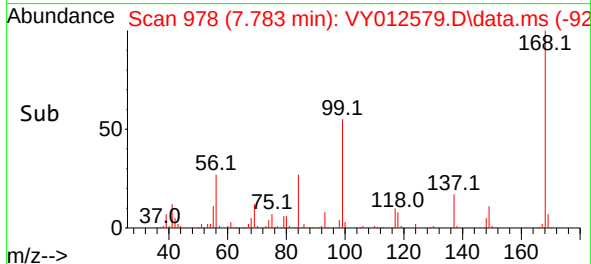
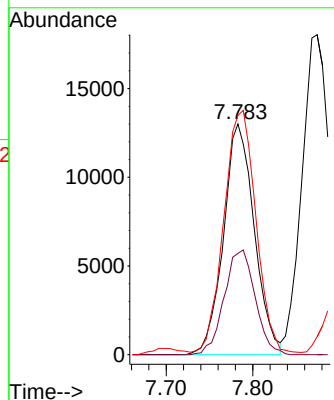
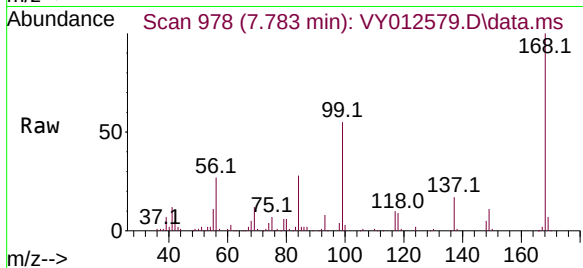




#31
Cyclohexane
Concen: 18.497 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

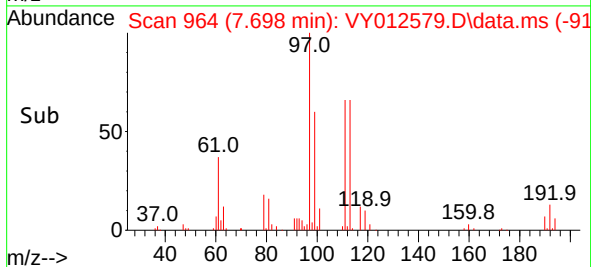
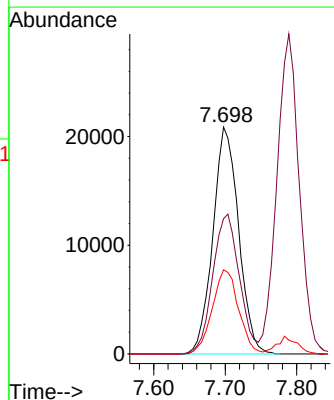
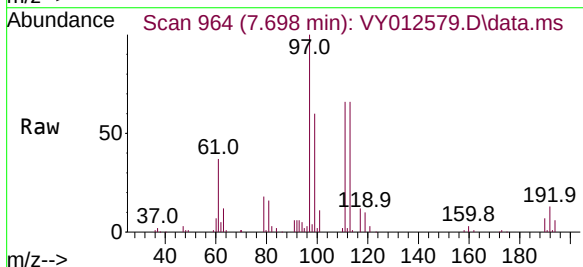
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

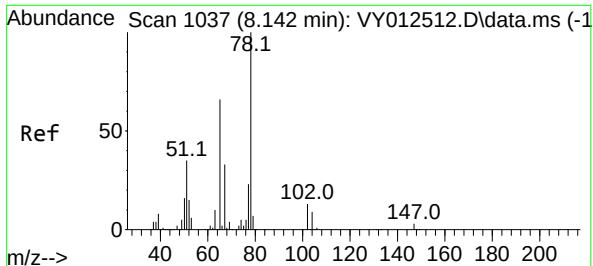
Tgt Ion: 56 Resp: 32180
Ion Ratio Lower Upper
56 100
69 43.9 29.5 44.3
84 102.1 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 21.303 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 97 Resp: 52037
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 38.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 51.518 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

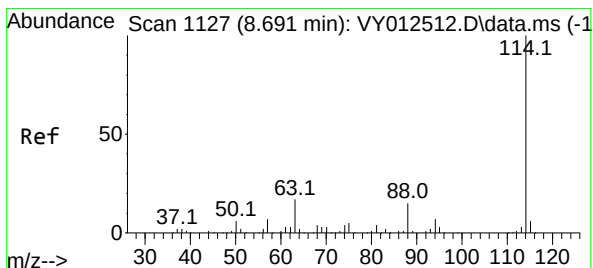
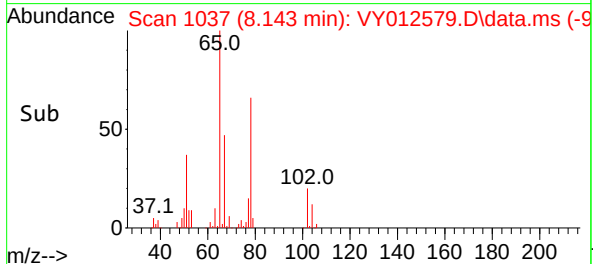
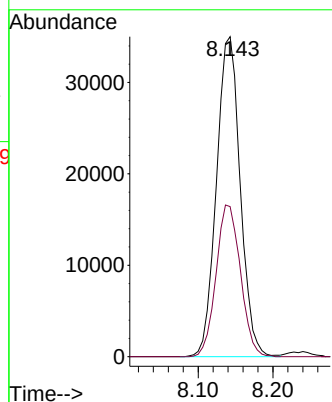
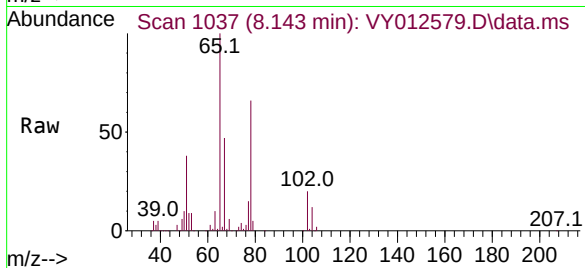
VY0214SBS01

Tgt Ion: 65 Resp: 77520

Ion Ratio Lower Upper

65 100

67 48.5 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

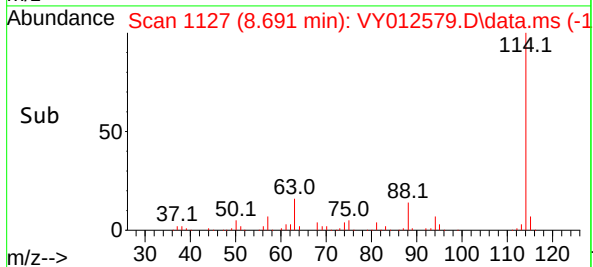
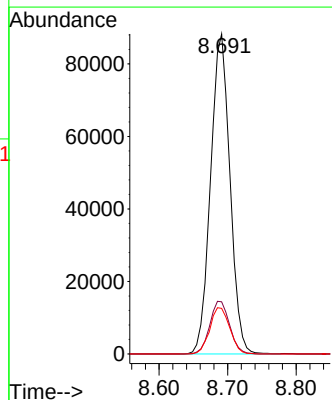
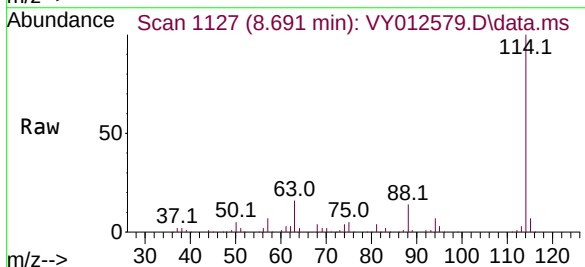
Tgt Ion: 114 Resp: 173162

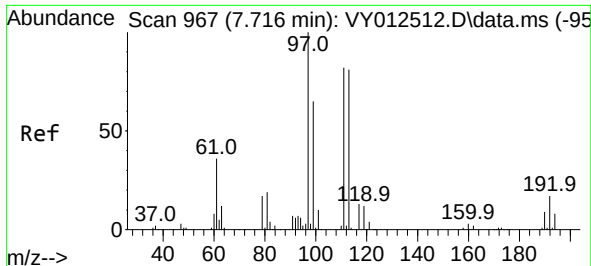
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.6

88 14.2 0.0 29.8

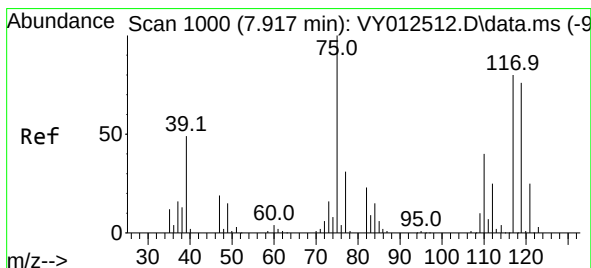
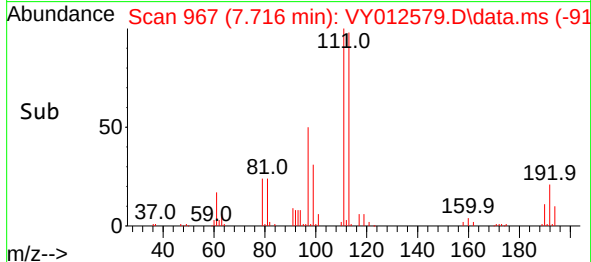
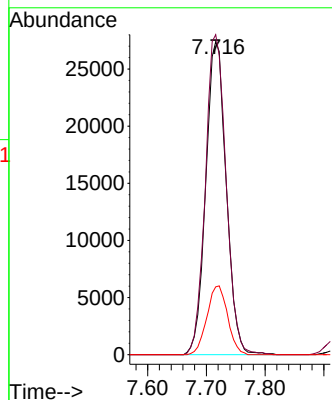
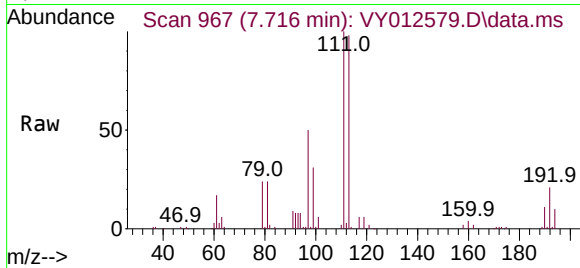




#35
Dibromofluoromethane
Concen: 52.632 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

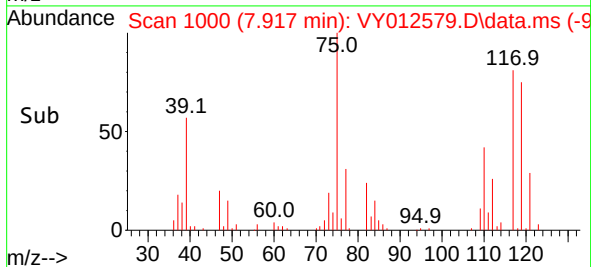
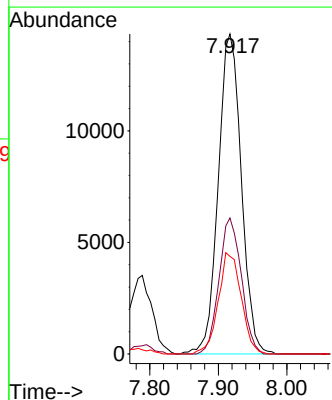
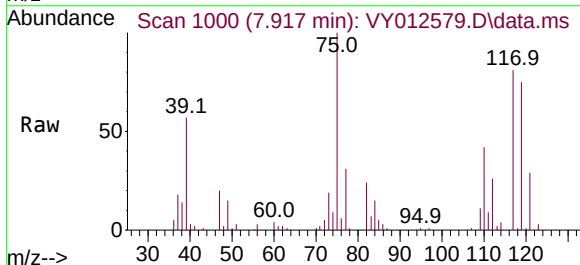
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

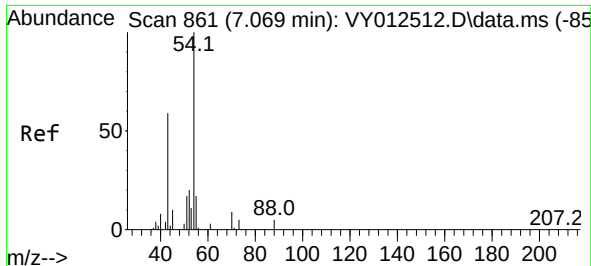
Tgt Ion:113 Resp: 66372
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 22.2 17.5 26.3



#36
1,1-Dichloropropene
Concen: 19.647 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 75 Resp: 33533
Ion Ratio Lower Upper
75 100
110 41.0 19.5 58.5
77 31.3 24.9 37.3





#37

Ethyl Acetate

Concen: 17.691 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

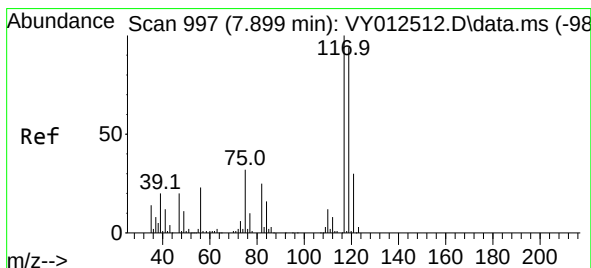
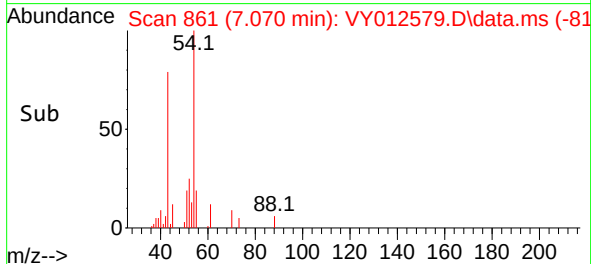
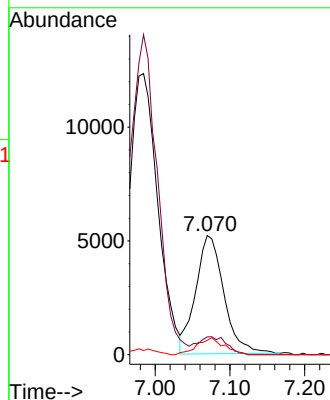
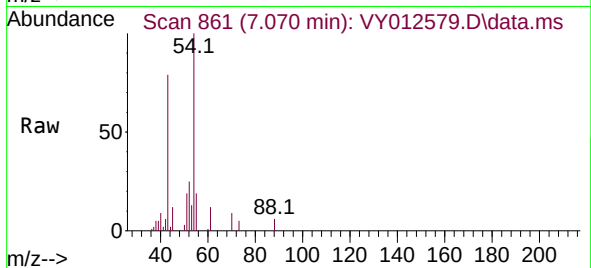
Tgt Ion: 43 Resp: 13624

Ion Ratio Lower Upper

43 100

61 15.7 12.5 18.7

70 13.5 11.0 16.4



#38

Carbon Tetrachloride

Concen: 21.691 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

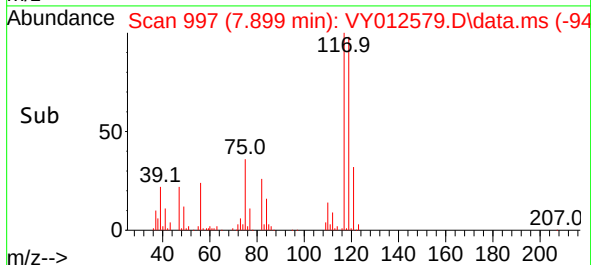
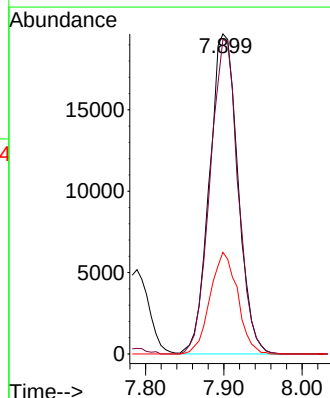
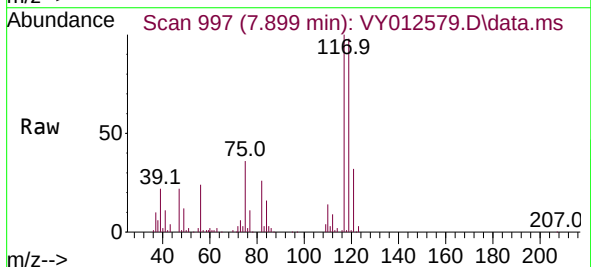
Tgt Ion: 117 Resp: 49696

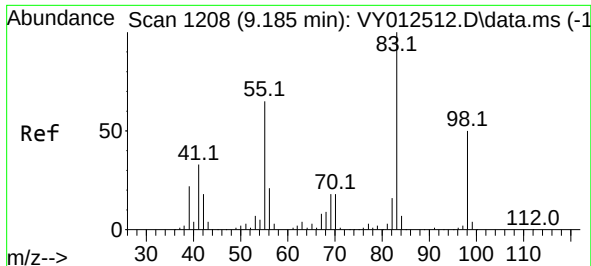
Ion Ratio Lower Upper

117 100

119 98.3 75.1 112.7

121 31.7 24.3 36.5

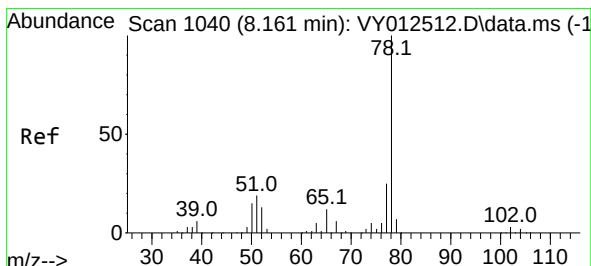
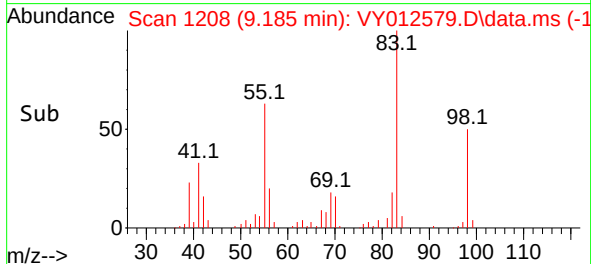
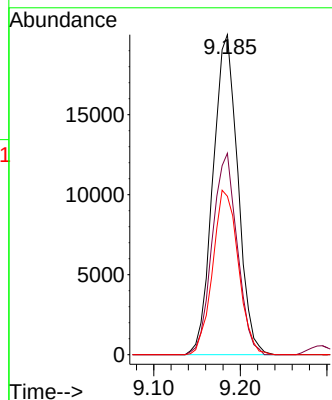
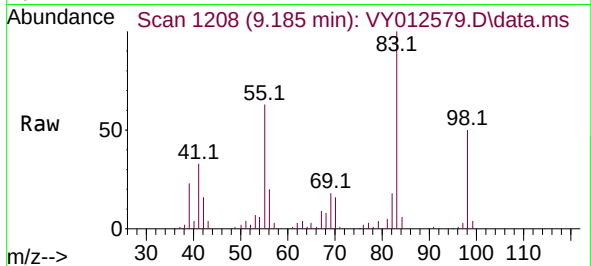




#39
Methylcyclohexane
Concen: 19.427 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

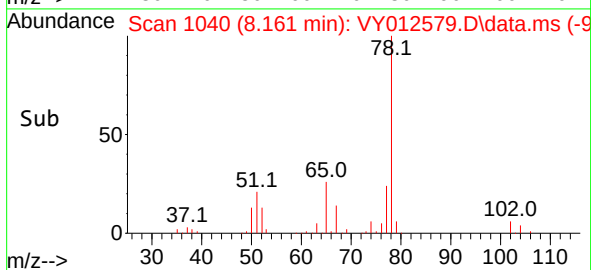
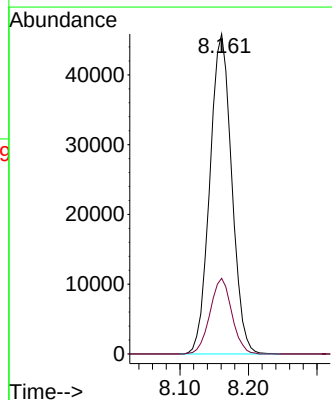
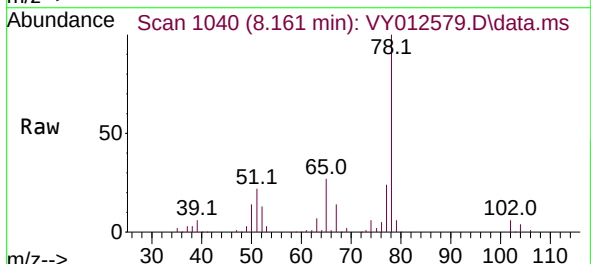
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

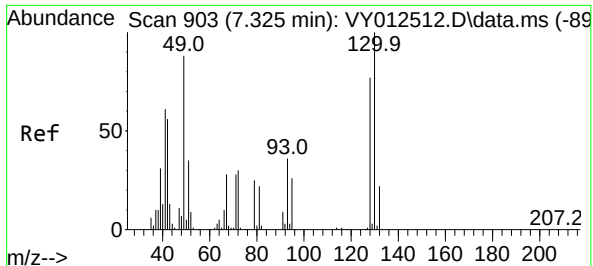
Tgt Ion: 83 Resp: 39897
Ion Ratio Lower Upper
83 100
55 62.9 52.0 78.0
98 49.5 40.4 60.6



#40
Benzene
Concen: 20.192 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 78 Resp: 101788
Ion Ratio Lower Upper
78 100
77 23.7 19.9 29.9

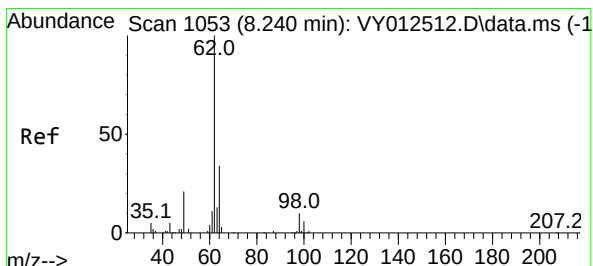
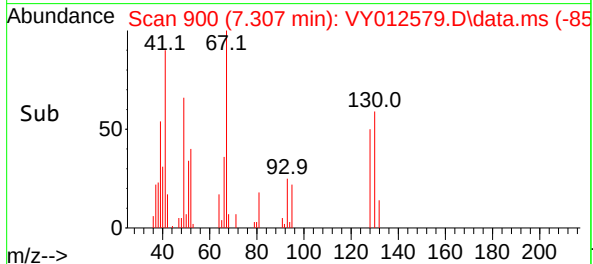
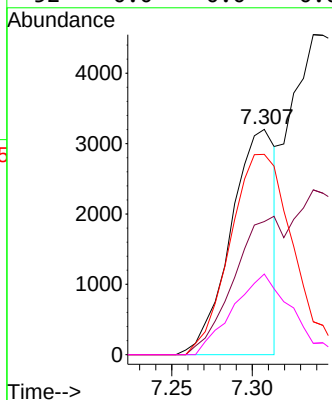
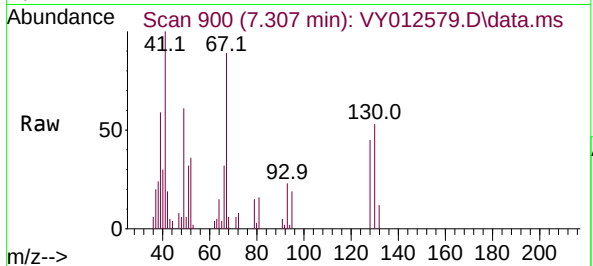




#41
Methacrylonitrile
Concen: 14.581 ug/l m
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

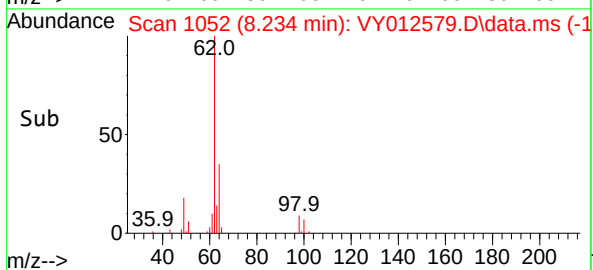
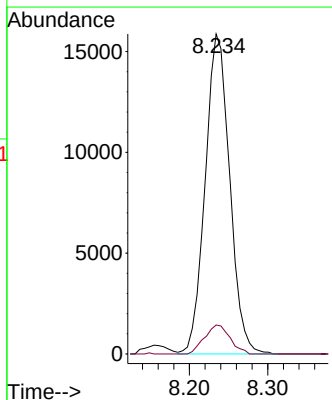
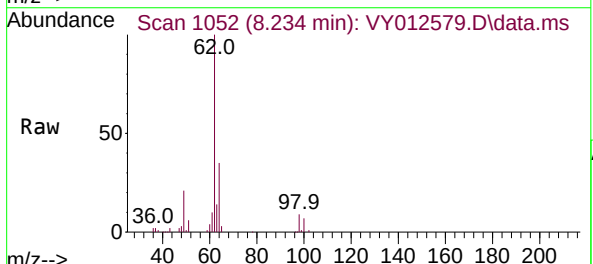
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

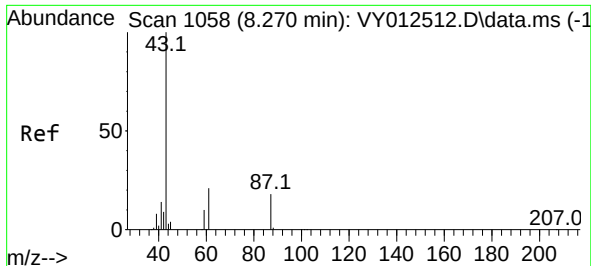
Tgt Ion:	41	Resp:	6152
Ion	Ratio	Lower	Upper
41	100		
39	91.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.119 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:	62	Resp:	34507
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2

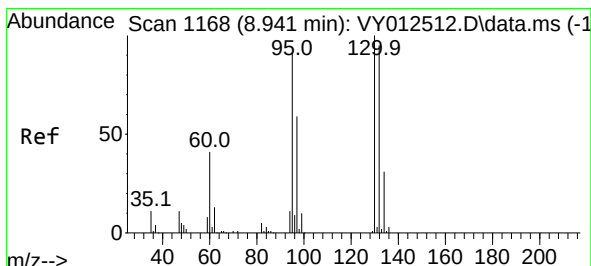
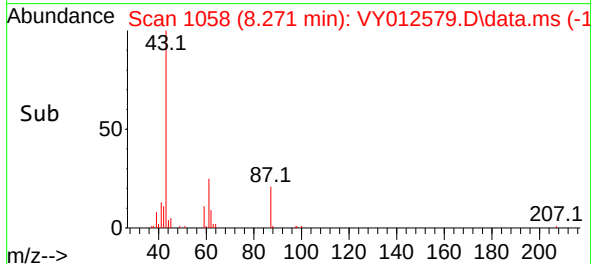
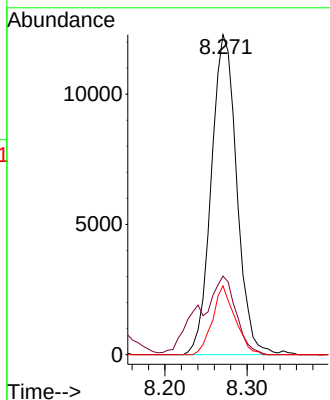
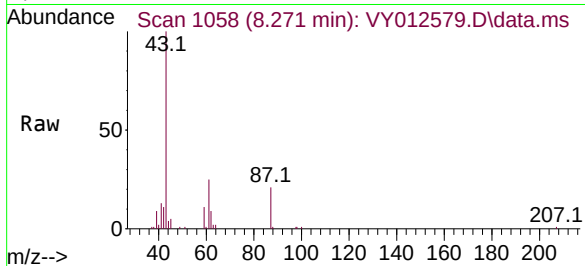




#43
Isopropyl Acetate
Concen: 18.558 ug/l
RT: 8.271 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

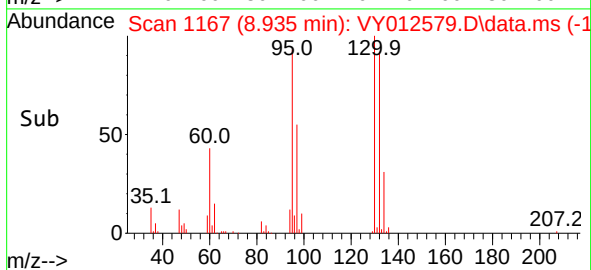
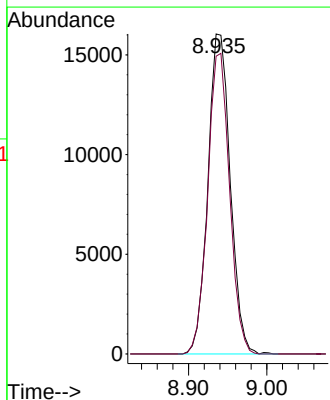
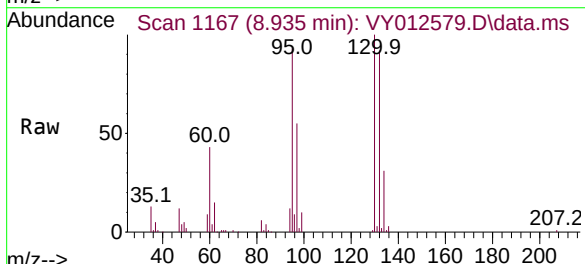
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

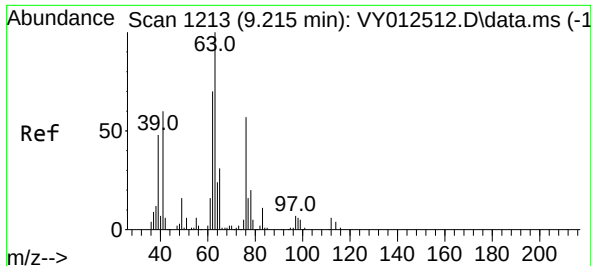
Tgt Ion	Ratio	Lower	Upper
43	100		
61	24.0	27.2	40.8
87	19.0	15.0	22.4



#44
Trichloroethene
Concen: 20.769 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	181.2





#45

1,2-Dichloropropane

Concen: 19.314 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

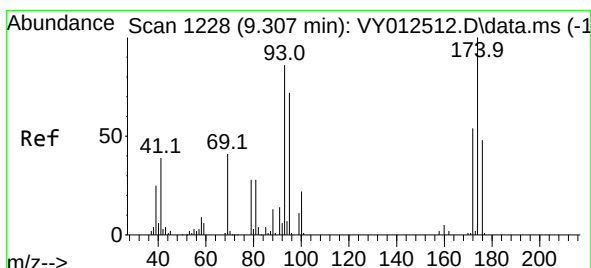
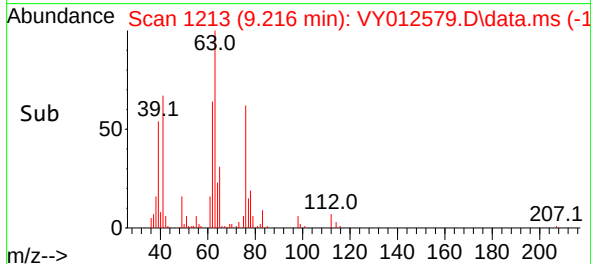
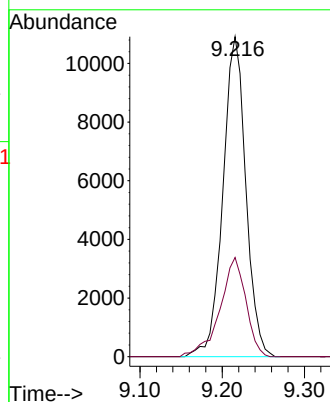
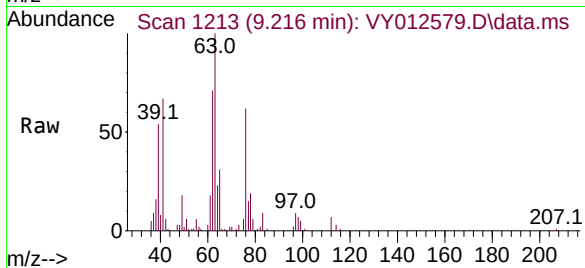
VY0214SBS01

Tgt Ion: 63 Resp: 21112

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 20.170 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

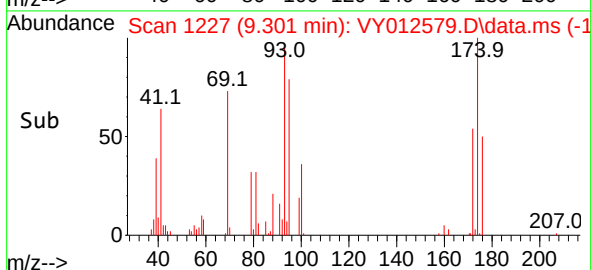
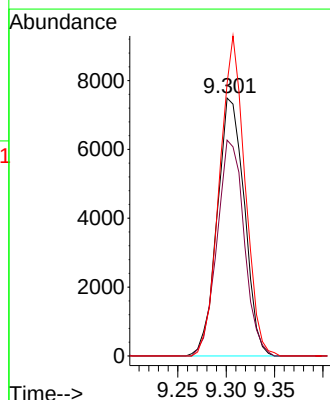
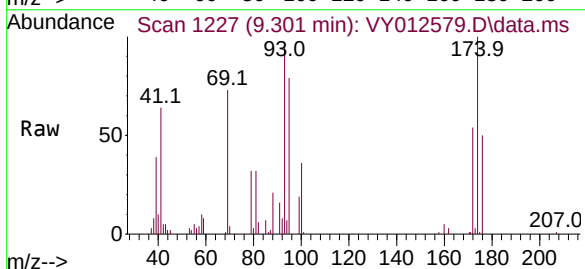
Tgt Ion: 93 Resp: 14598

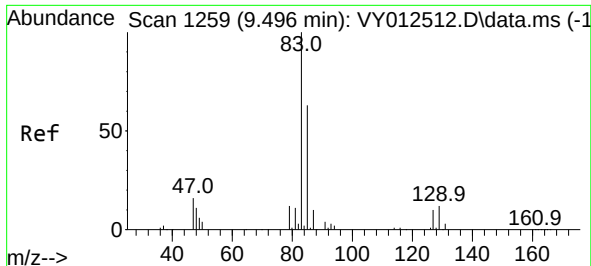
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 116.0 93.4 140.2

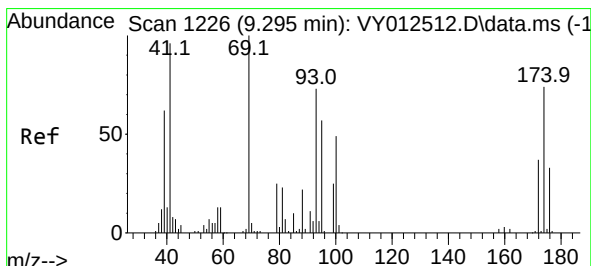
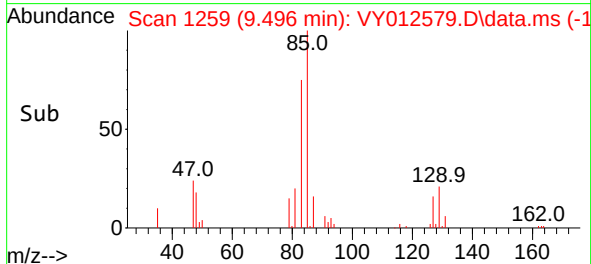
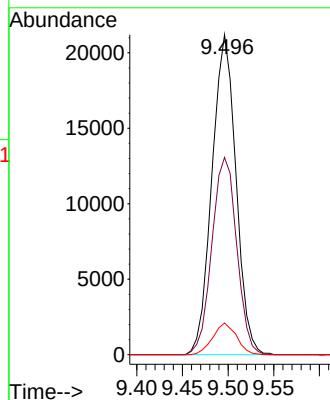
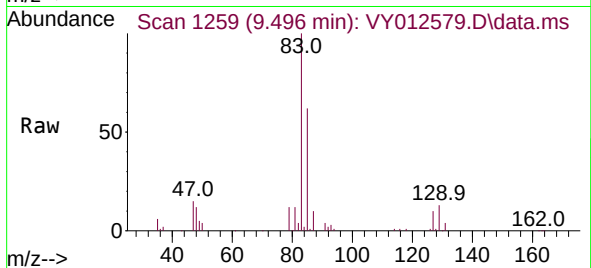




#47
Bromodichloromethane
Concen: 20.630 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

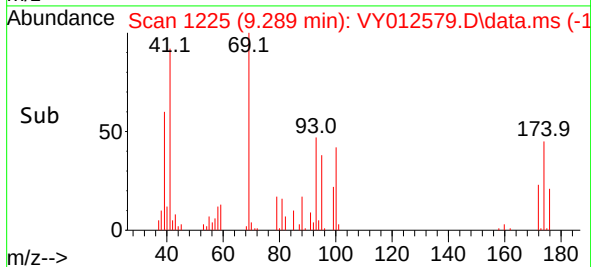
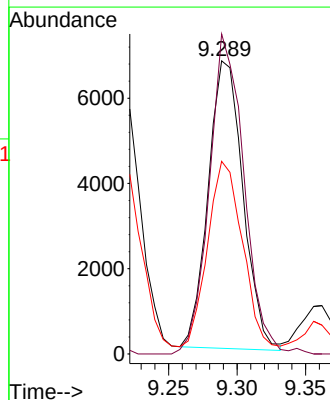
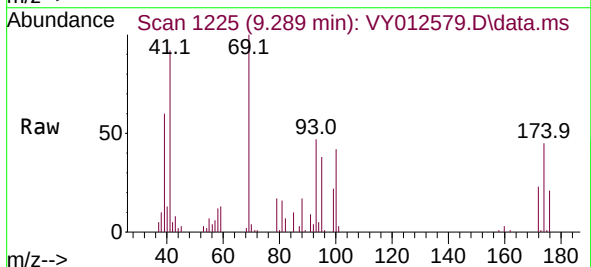
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

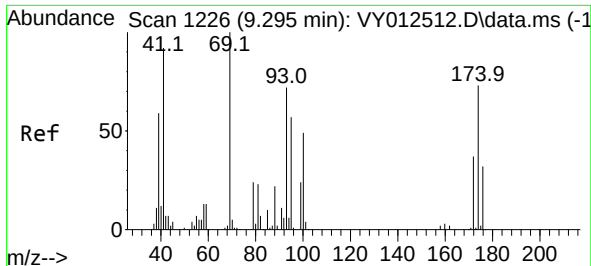
Tgt Ion: 83 Resp: 38715
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1
127 9.9 8.1 12.1



#48
Methyl methacrylate
Concen: 18.269 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 41 Resp: 11924
Ion Ratio Lower Upper
41 100
69 111.0 85.4 128.2
39 69.8 52.7 79.1





#49

1,4-Dioxane

Concen: 384.136 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

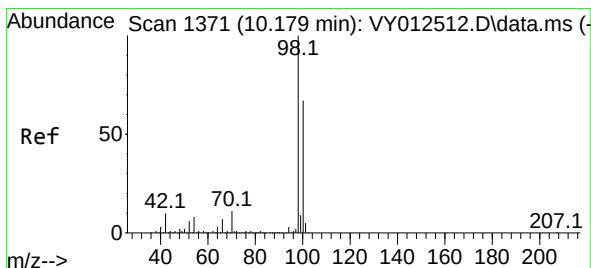
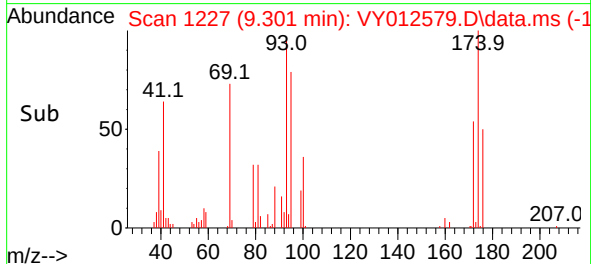
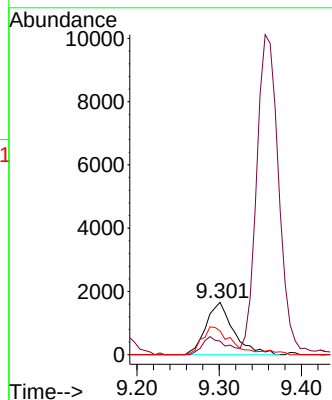
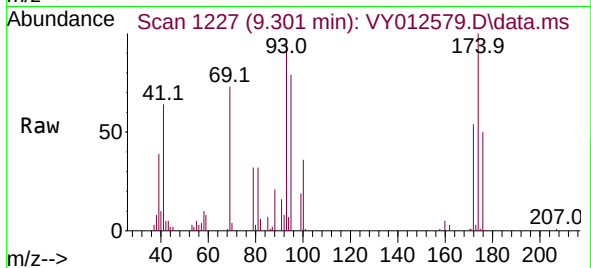
Tgt Ion: 88 Resp: 3838

Ion Ratio Lower Upper

88 100

43 28.3 22.6 33.8

58 55.1 45.4 68.0



#50

Toluene-d8

Concen: 52.603 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012579.D

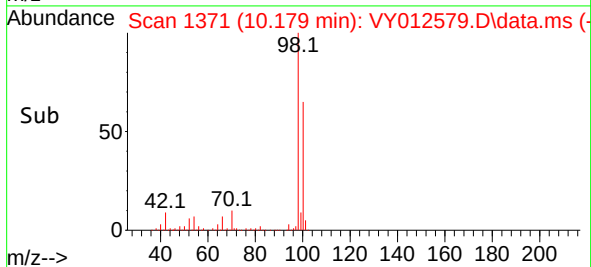
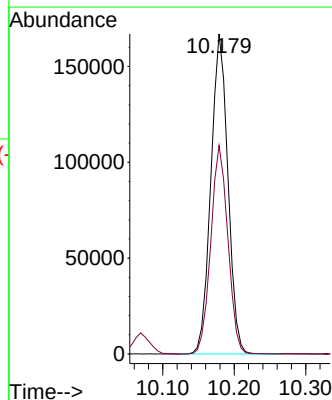
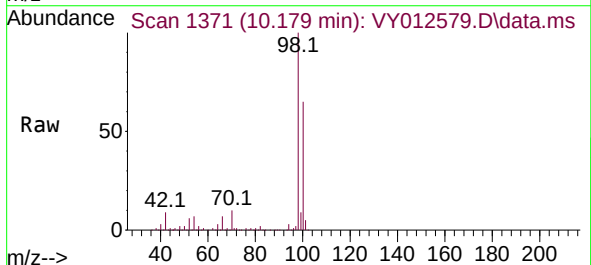
Acq: 14 Feb 2023 11:13

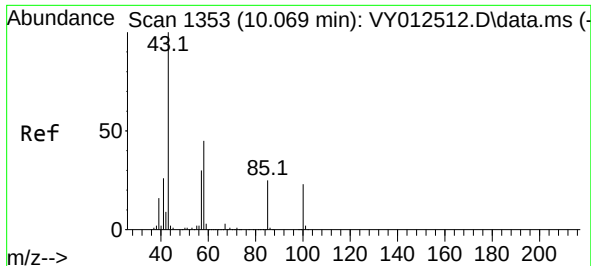
Tgt Ion: 98 Resp: 276112

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

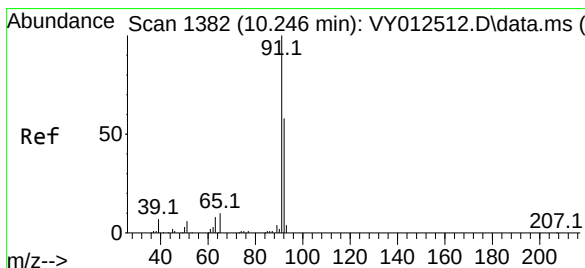
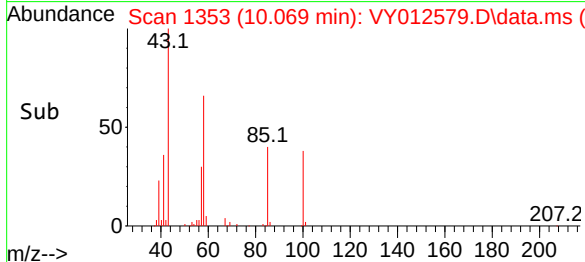
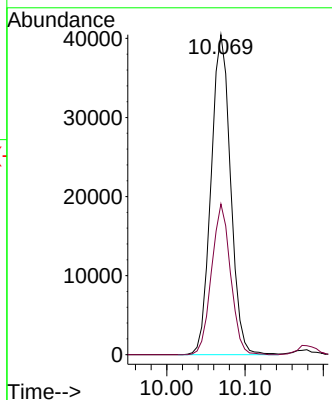
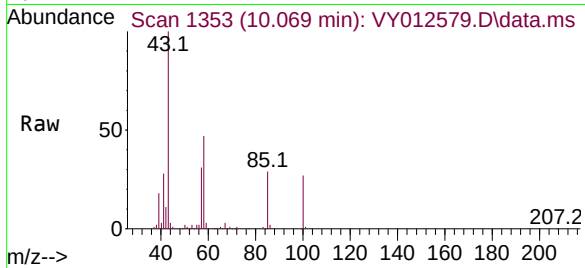




#51
4-Methyl-2-Pentanone
Concen: 90.920 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

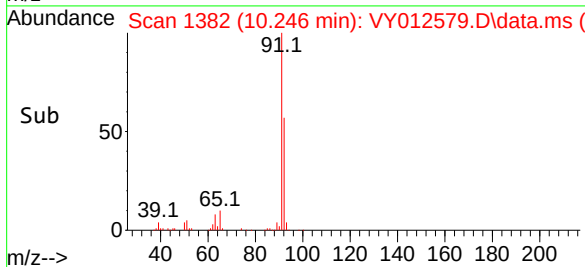
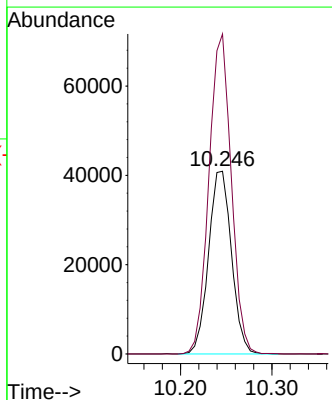
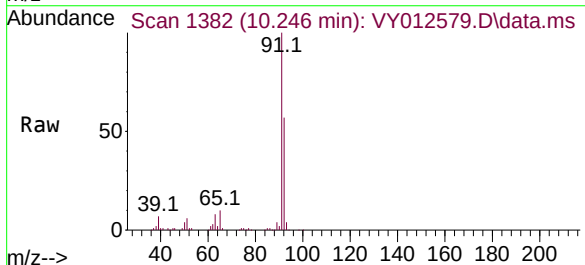
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

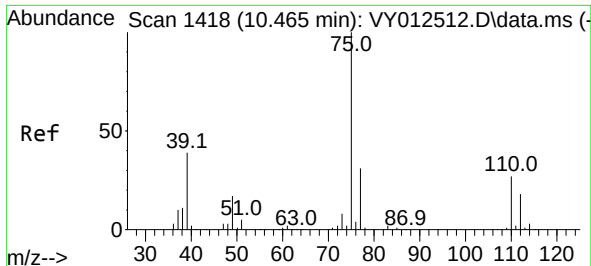
Tgt Ion: 43 Resp: 70044
Ion Ratio Lower Upper
43 100
58 45.9 36.2 54.2



#52
Toluene
Concen: 20.871 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 92 Resp: 71346
Ion Ratio Lower Upper
92 100
91 170.4 137.2 205.8





#53

t-1,3-Dichloropropene

Concen: 20.599 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

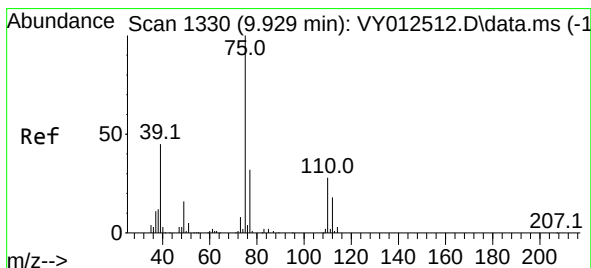
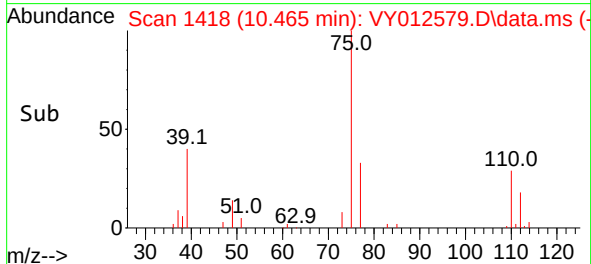
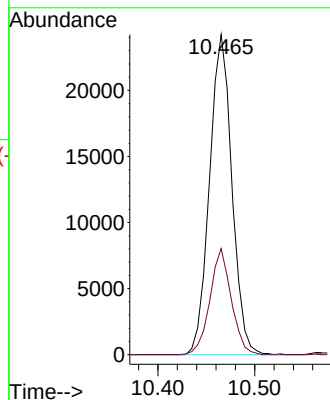
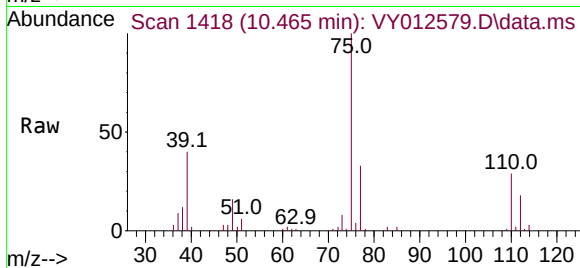
VY0214SBS01

Tgt Ion: 75 Resp: 38953

Ion Ratio Lower Upper

75 100

77 33.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.283 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

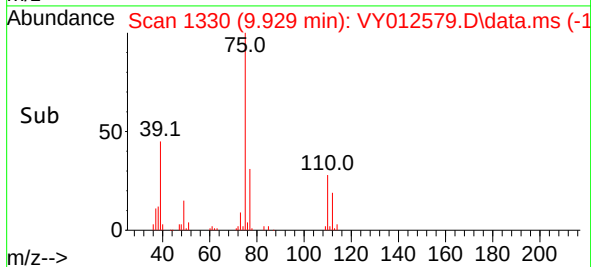
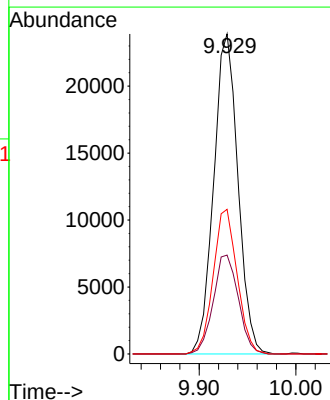
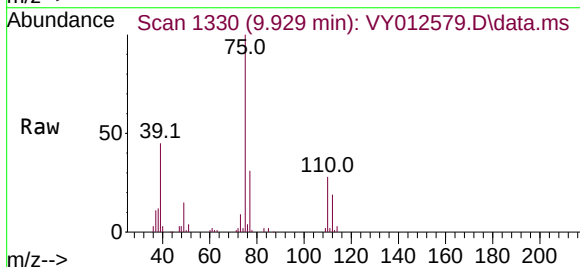
Tgt Ion: 75 Resp: 41507

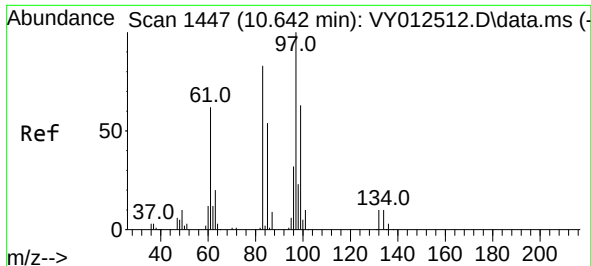
Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 45.2 36.0 54.0

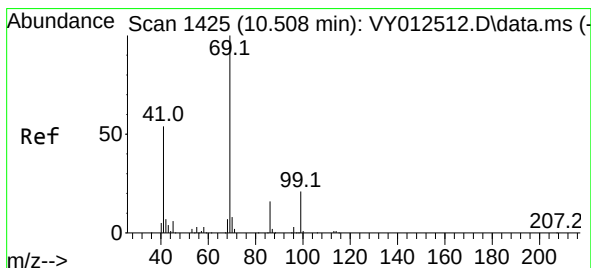
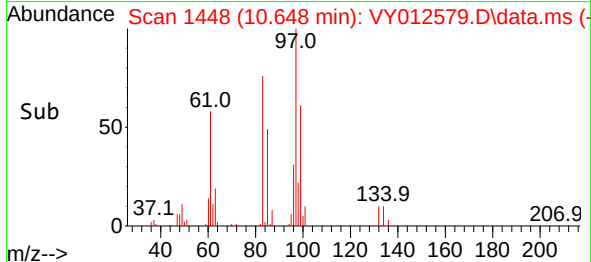
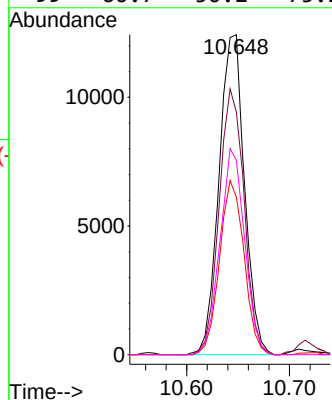
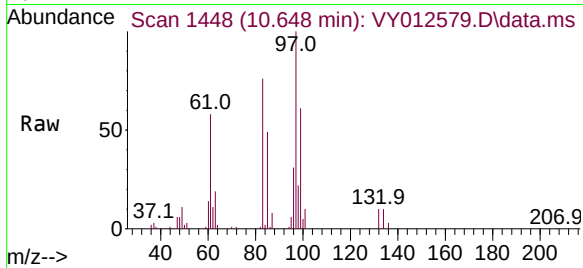




#55
1,1,2-Trichloroethane
Concen: 20.257 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

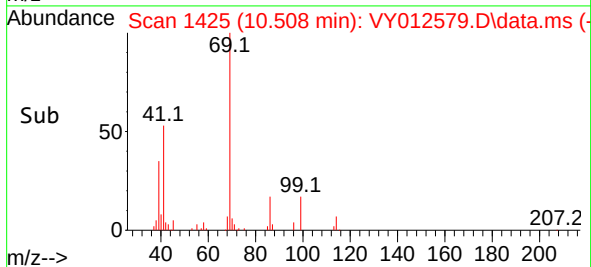
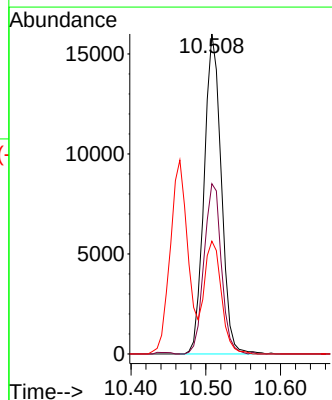
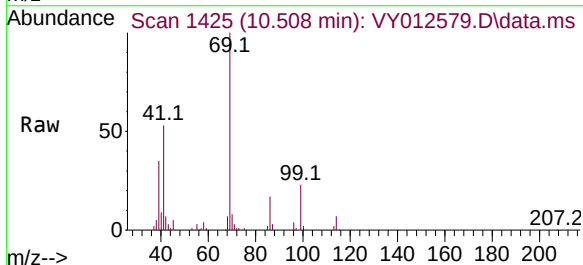
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

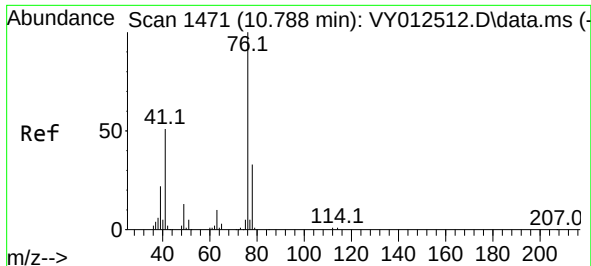
Tgt Ion: 97	Resp: 21423
Ion Ratio	Lower Upper
97 100	
83 75.8	66.0 99.0
85 49.2	43.1 64.7
99 60.7	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.151 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 69	Resp: 25445
Ion Ratio	Lower Upper
69 100	
41 53.8	43.4 65.2
39 34.9	26.5 39.7





#57

1,3-Dichloropropane

Concen: 20.186 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

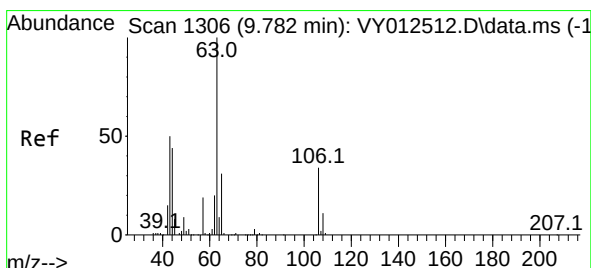
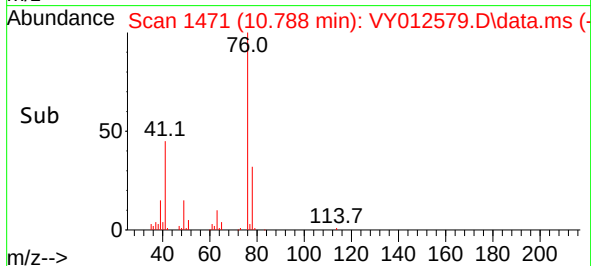
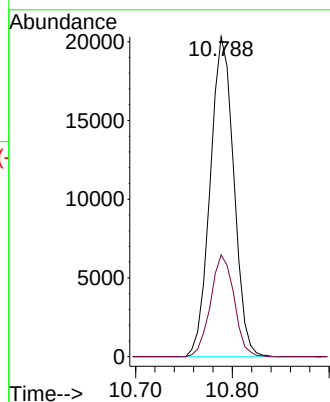
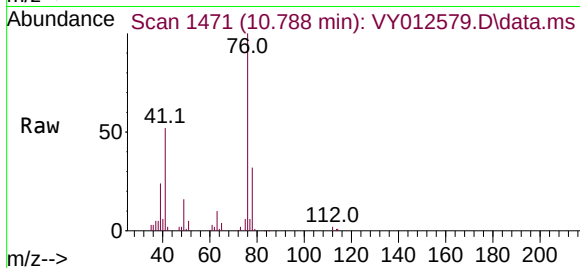
VY0214SBS01

Tgt Ion: 76 Resp: 34454

Ion Ratio Lower Upper

76 100

78 31.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.204 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012579.D

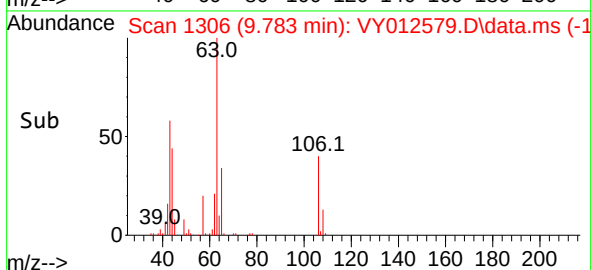
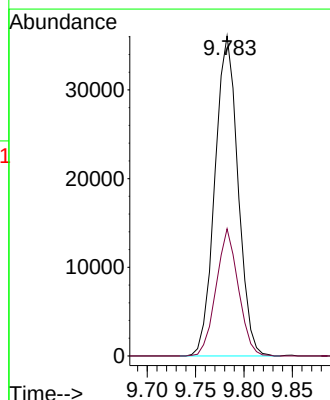
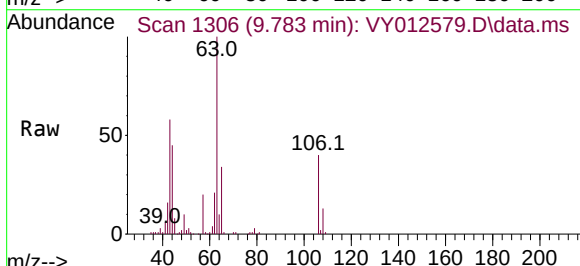
Acq: 14 Feb 2023 11:13

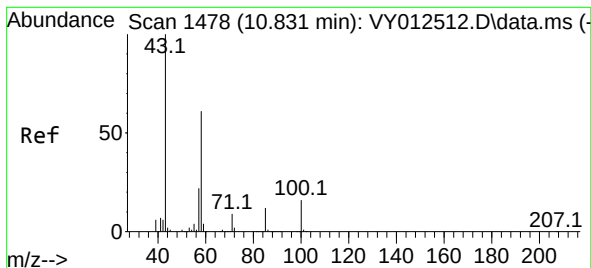
Tgt Ion: 63 Resp: 59843

Ion Ratio Lower Upper

63 100

106 38.2 28.0 42.0

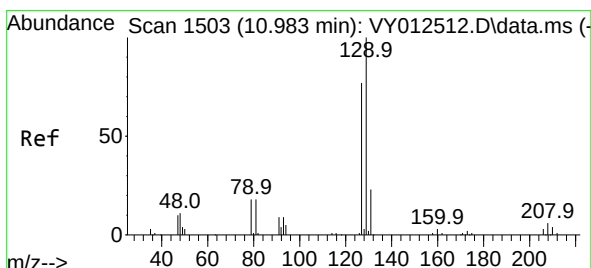
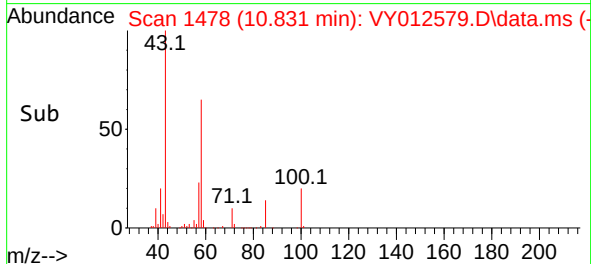
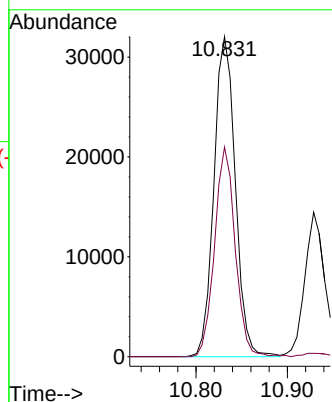
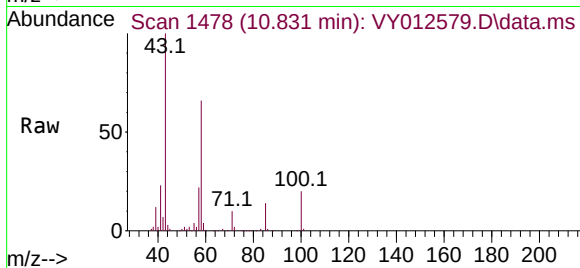




#59
2-Hexanone
Concen: 89.348 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

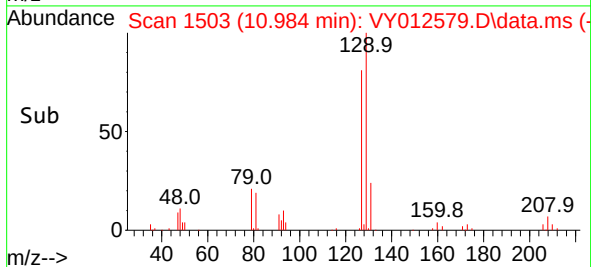
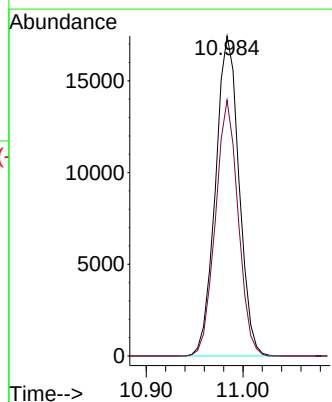
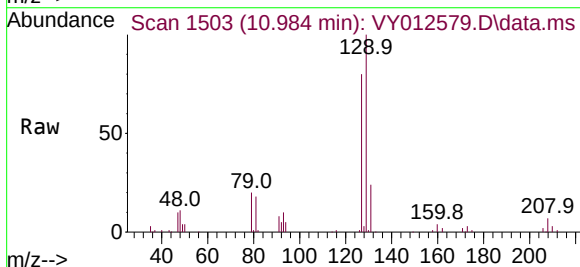
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

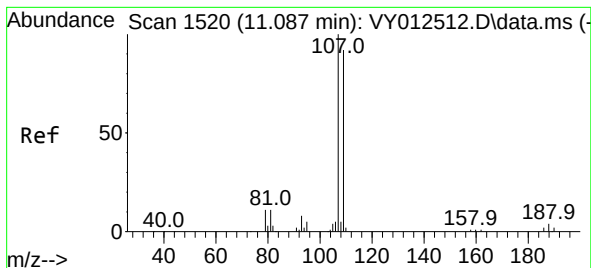
Tgt Ion: 43 Resp: 52018
Ion Ratio Lower Upper
43 100
58 63.3 30.9 92.5



#60
Dibromochloromethane
Concen: 20.915 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 129 Resp: 29484
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.189 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

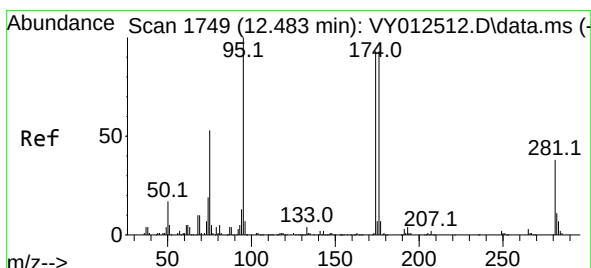
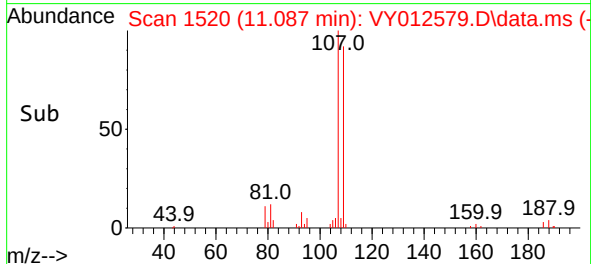
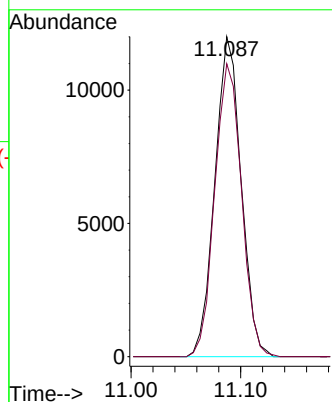
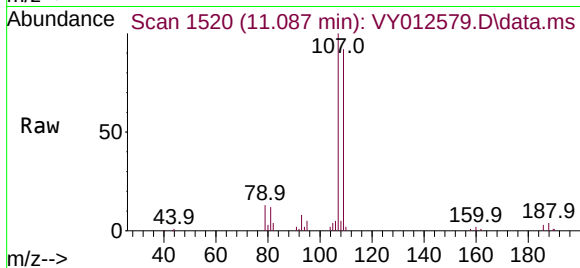
VY0214SBS01

Tgt Ion:107 Resp: 20005

Ion Ratio Lower Upper

107 100

109 93.2 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 51.135 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

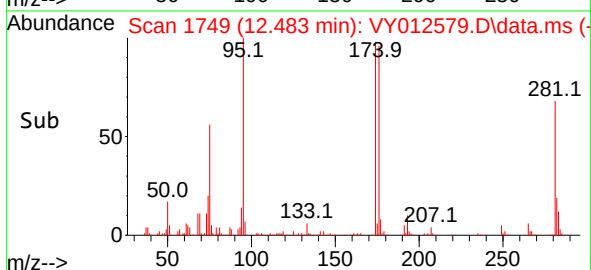
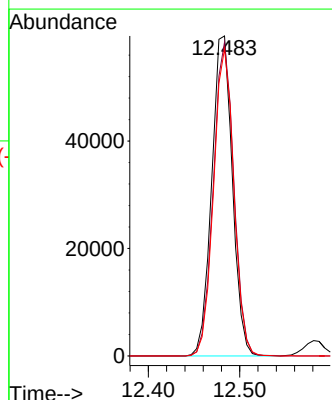
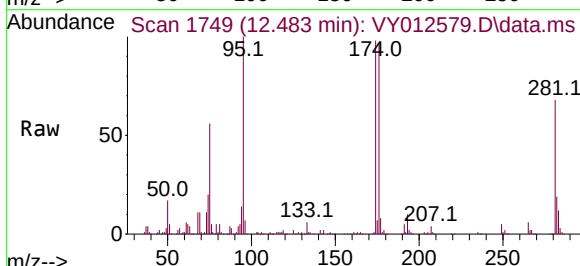
Tgt Ion: 95 Resp: 93620

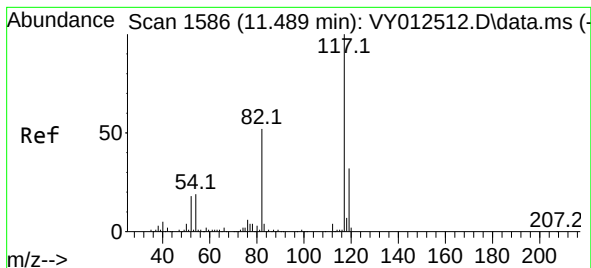
Ion Ratio Lower Upper

95 100

174 97.1 0.0 188.0

176 93.8 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

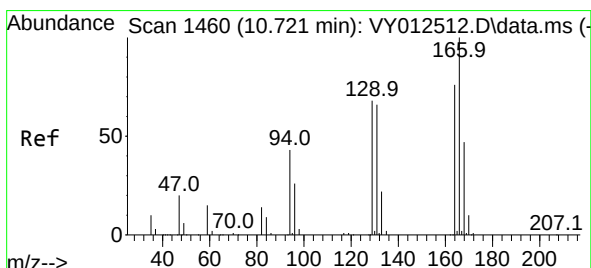
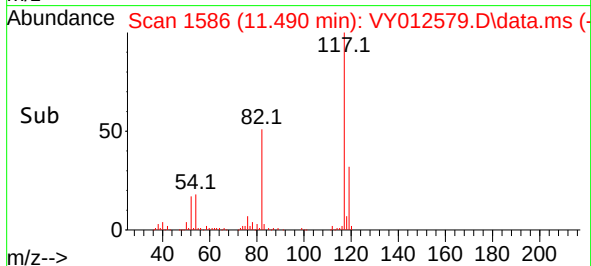
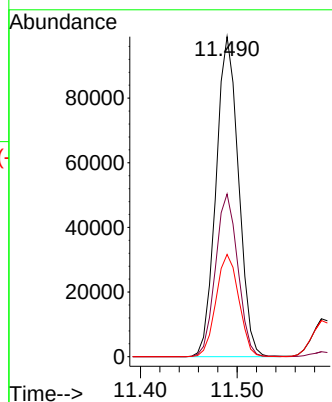
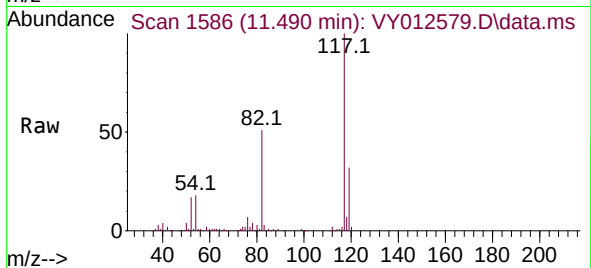
Tgt Ion:117 Resp: 160014

Ion Ratio Lower Upper

117 100

82 50.8 41.7 62.5

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 21.746 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Tgt Ion:164 Resp: 36328

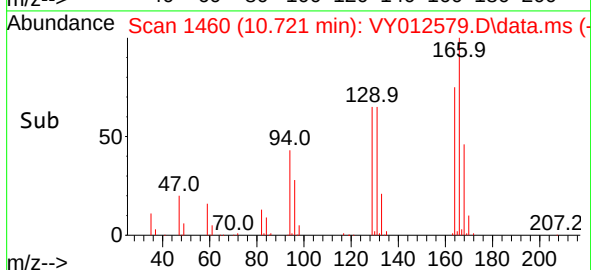
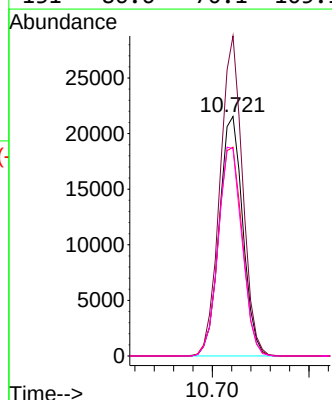
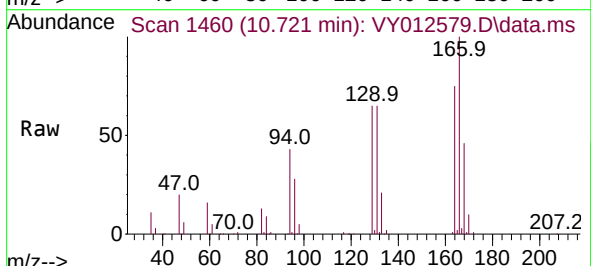
Ion Ratio Lower Upper

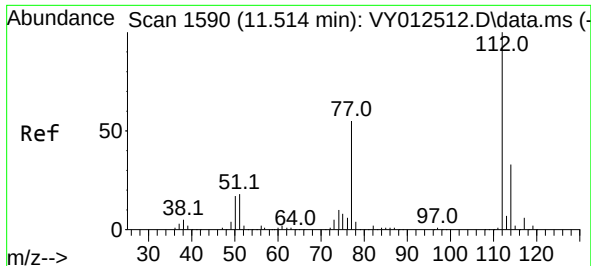
164 100

166 133.6 105.7 158.5

129 87.2 71.8 107.6

131 86.6 70.1 105.1

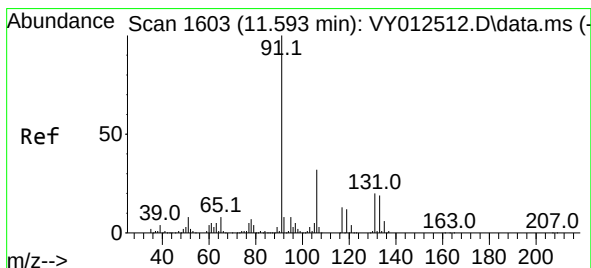
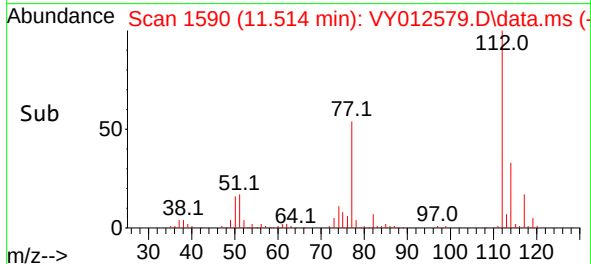
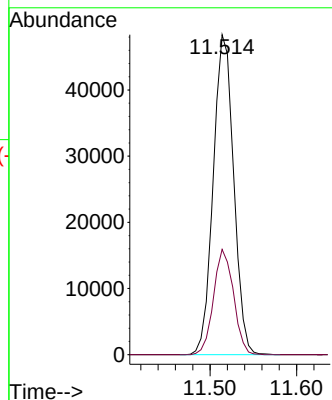
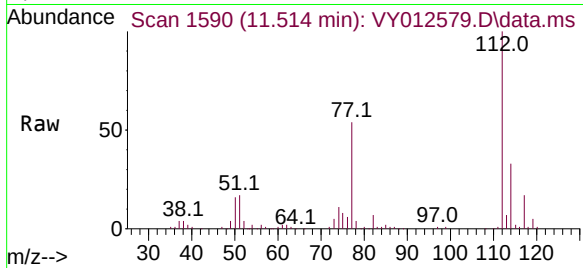




#65
Chlorobenzene
Concen: 20.893 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

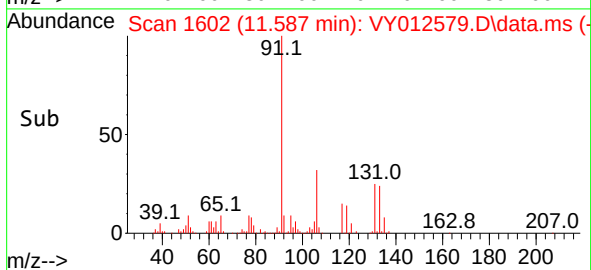
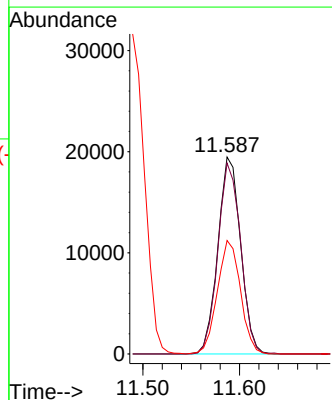
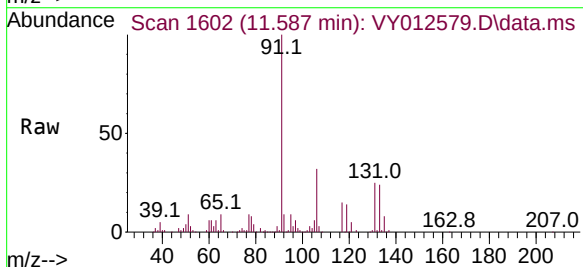
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

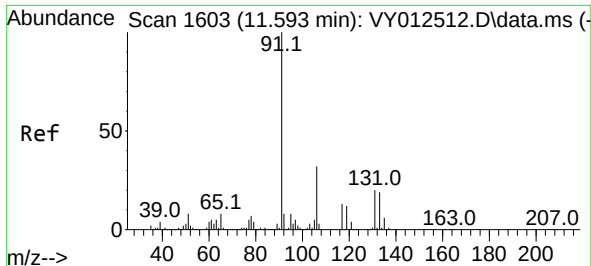
Tgt Ion:112 Resp: 79294
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.390 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:131 Resp: 31812
Ion Ratio Lower Upper
131 100
133 96.7 48.5 145.5
119 58.5 30.7 92.1





#67

Ethyl Benzene

Concen: 20.866 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

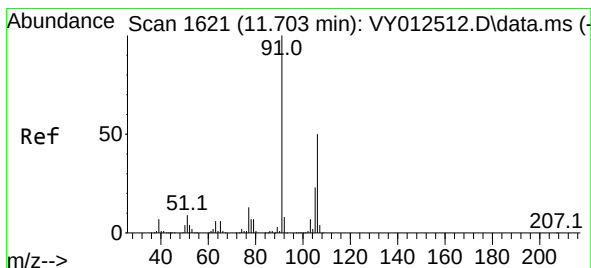
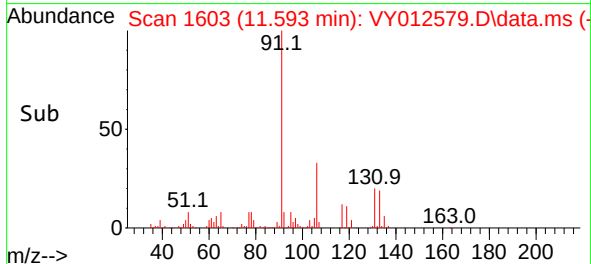
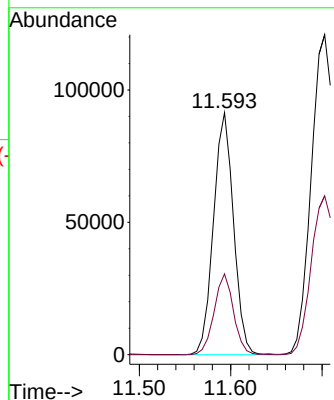
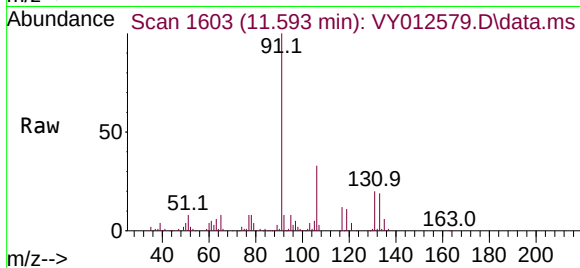
VY0214SBS01

Tgt Ion: 91 Resp: 139031

Ion Ratio Lower Upper

91 100

106 33.4 25.6 38.4



#68

m/p-Xylenes

Concen: 42.251 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012579.D

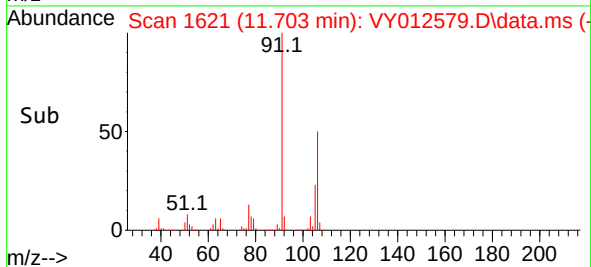
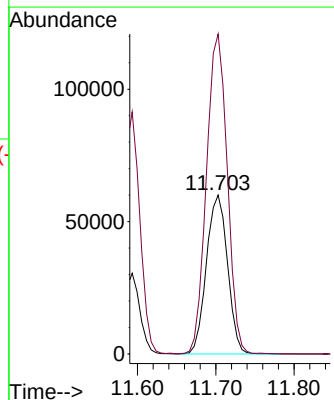
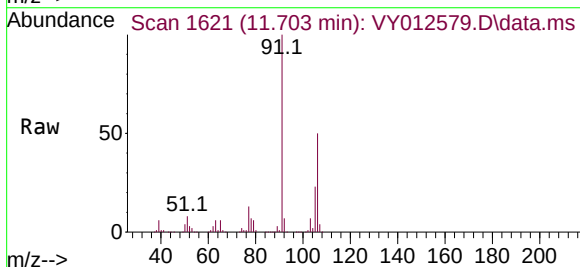
Acq: 14 Feb 2023 11:13

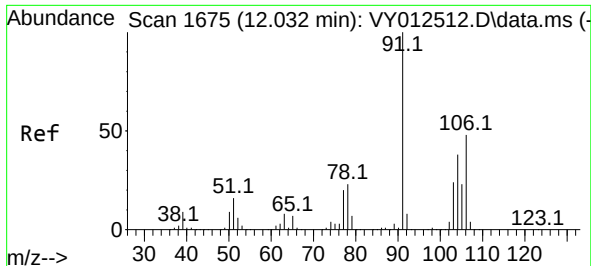
Tgt Ion: 106 Resp: 112368

Ion Ratio Lower Upper

106 100

91 198.9 160.3 240.5

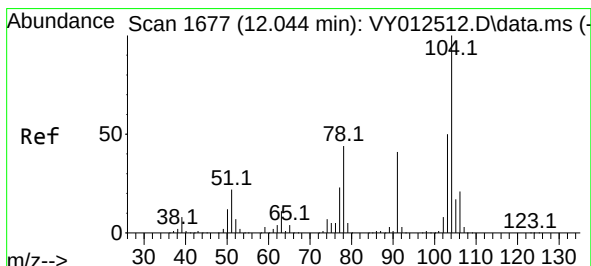
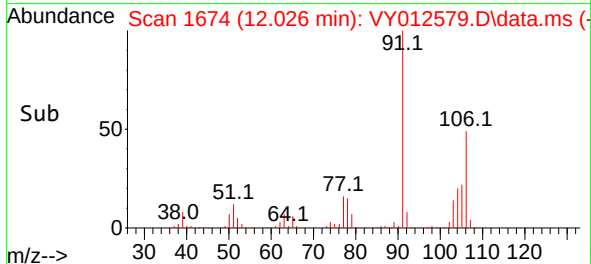
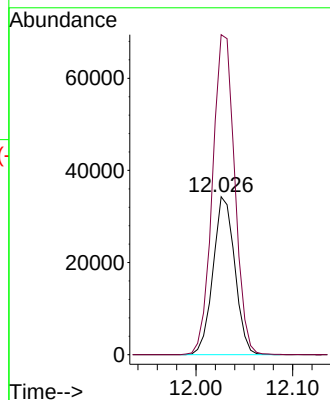
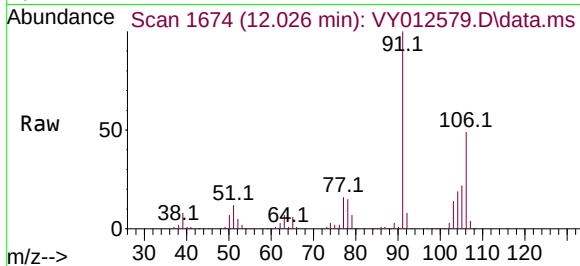




#69
o-Xylene
Concen: 21.110 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

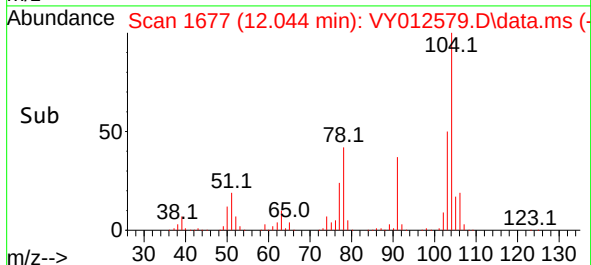
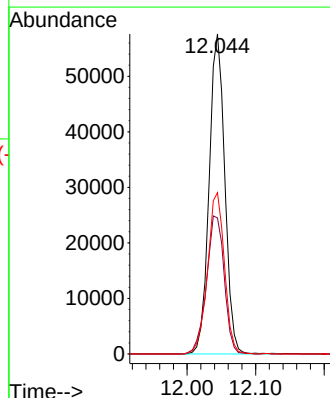
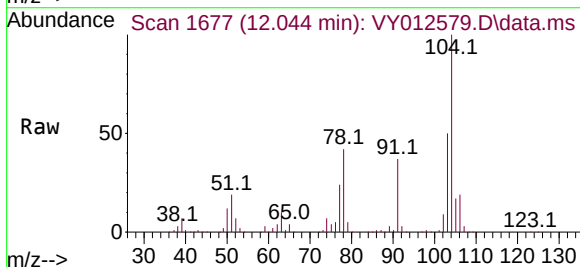
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

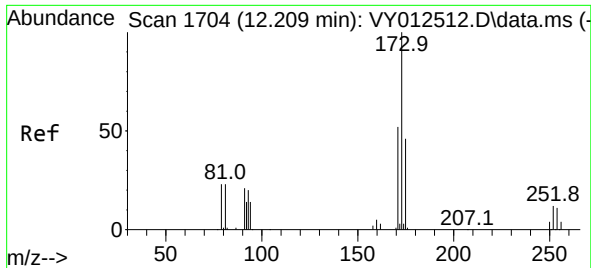
Tgt Ion:106 Resp: 53468
Ion Ratio Lower Upper
106 100
91 207.6 104.2 312.5



#70
Styrene
Concen: 21.364 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:104 Resp: 91771
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.2
103 54.3 43.8 65.8

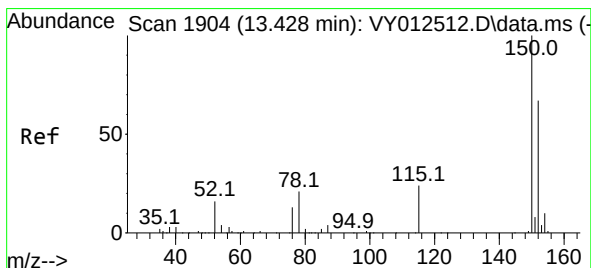
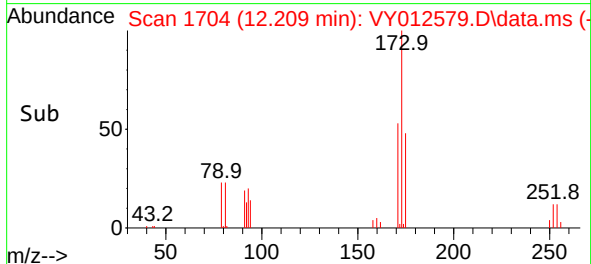
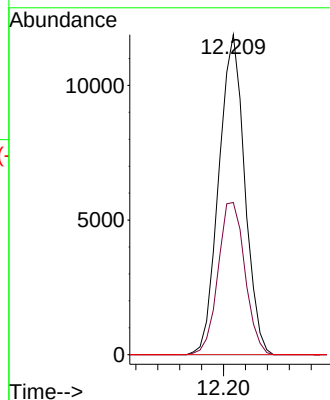
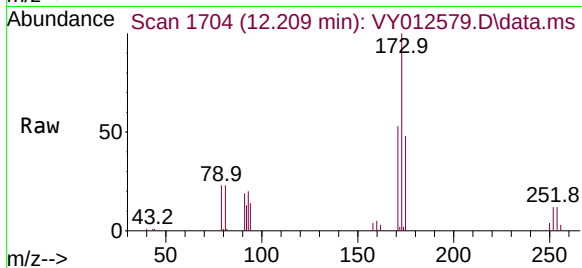




#71
Bromoform
Concen: 20.716 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

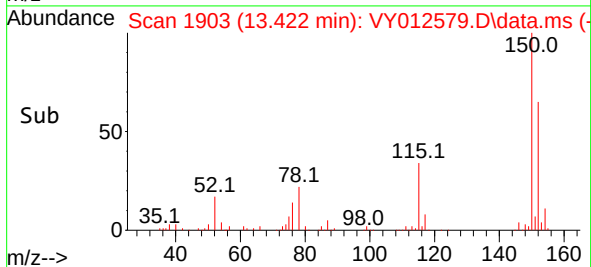
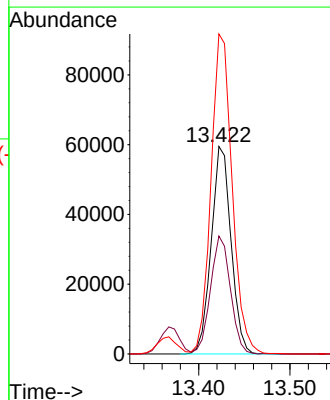
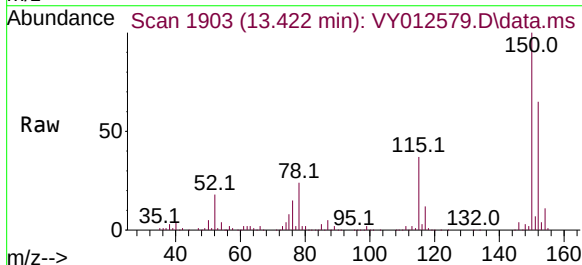
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

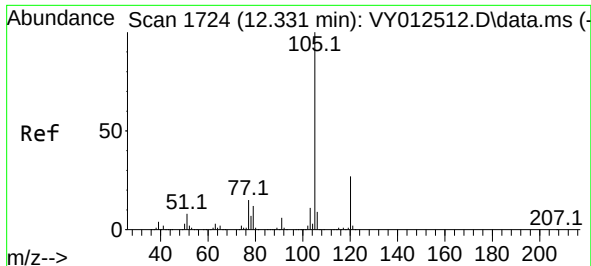
Tgt Ion:173 Resp: 19474
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:152 Resp: 89783
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.3
150 164.3 0.0 351.0

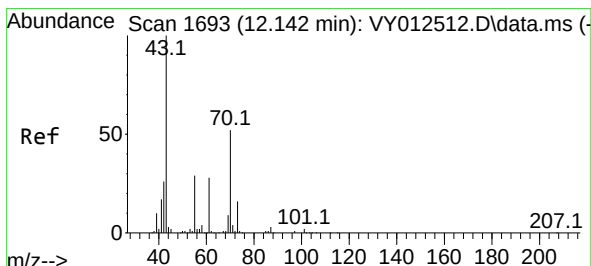
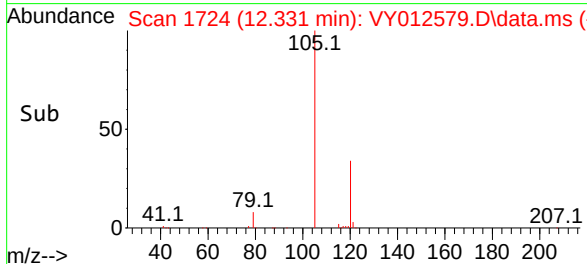
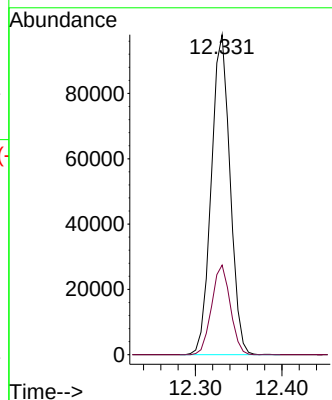
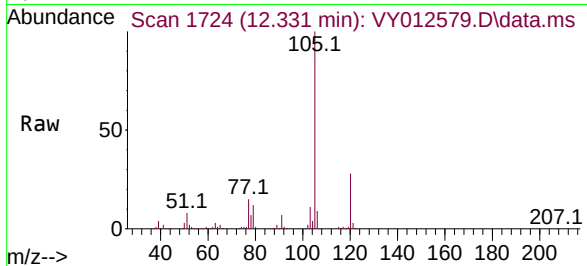




#73
Isopropylbenzene
Concen: 20.274 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

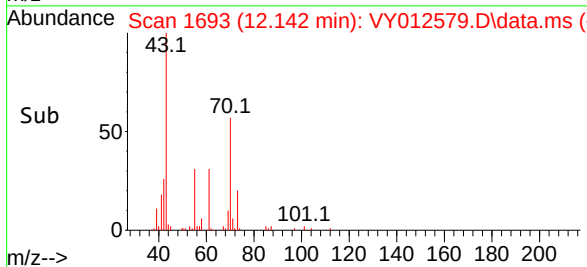
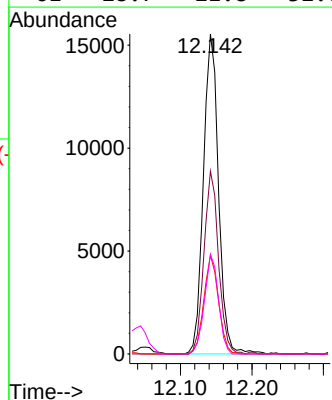
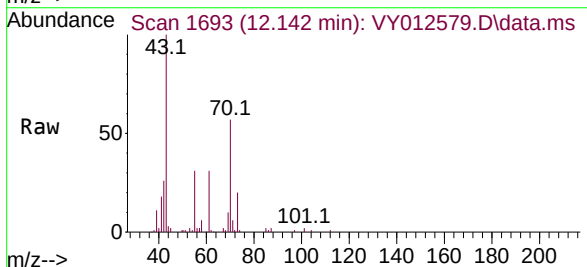
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

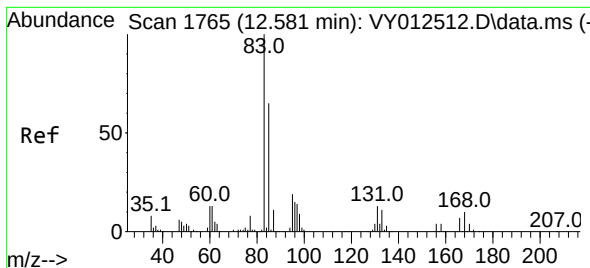
Tgt Ion:105 Resp: 147273
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 17.386 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 43 Resp: 22861
Ion Ratio Lower Upper
43 100
70 55.0 41.0 61.6
55 29.8 22.9 34.3
61 28.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.658 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

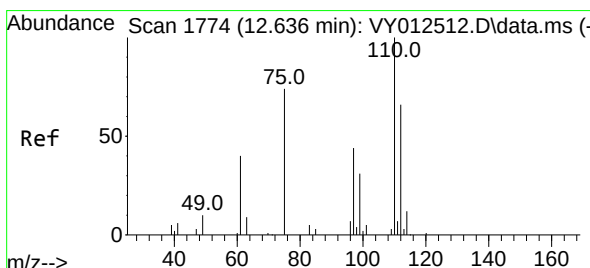
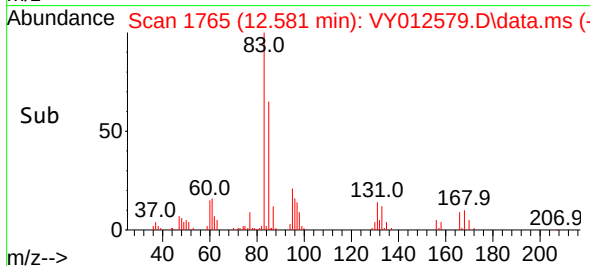
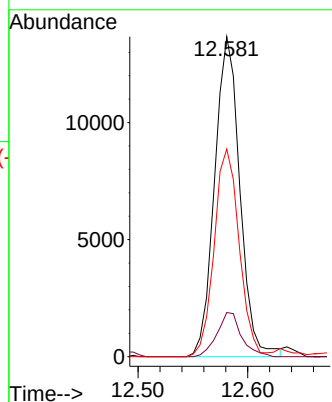
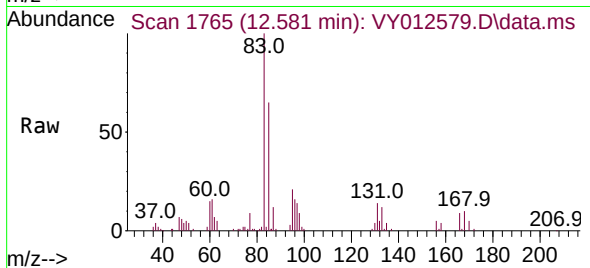
Tgt Ion: 83 Resp: 21915

Ion Ratio Lower Upper

83 100

131 13.4 6.5 19.4

85 64.1 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 19.075 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012579.D

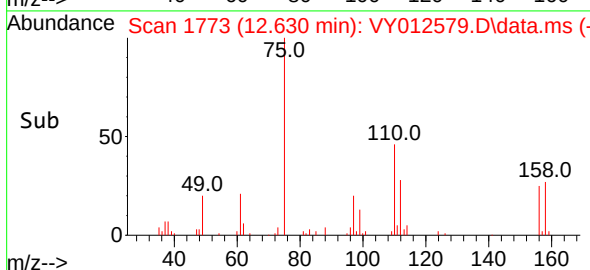
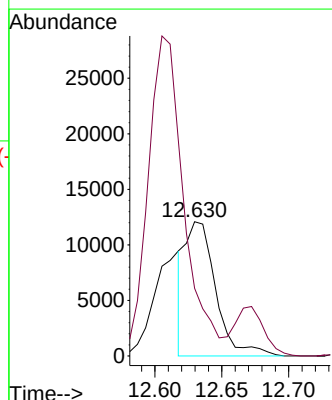
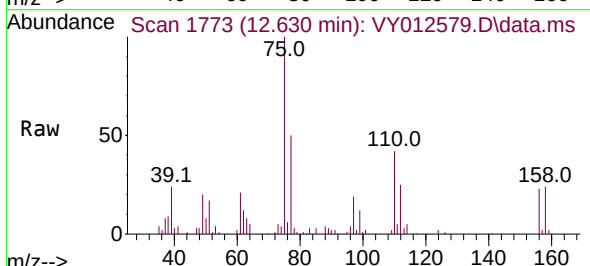
Acq: 14 Feb 2023 11:13

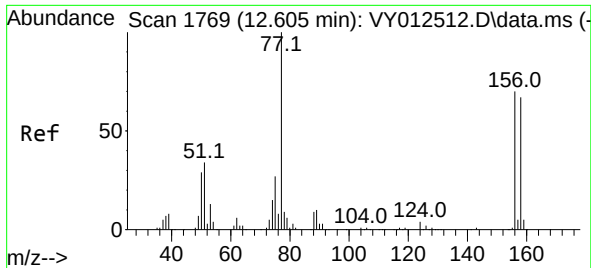
Tgt Ion: 75 Resp: 19134

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

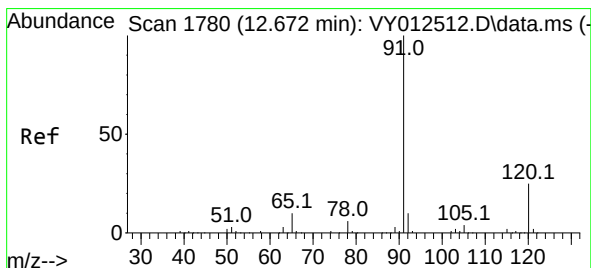
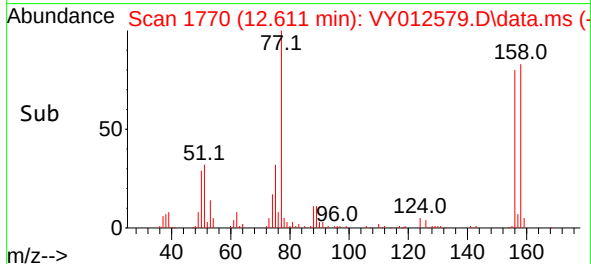
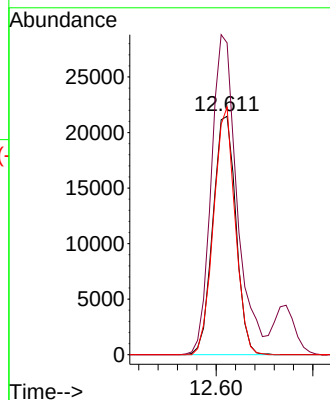
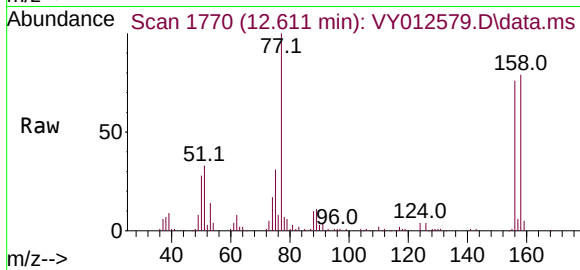




#77
Bromobenzene
Concen: 20.092 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

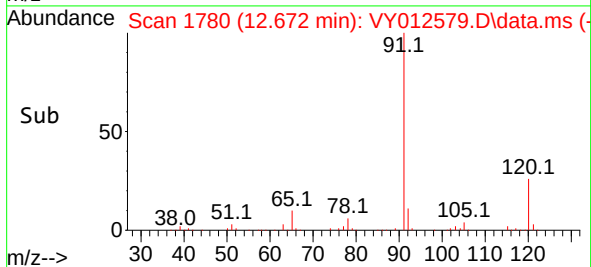
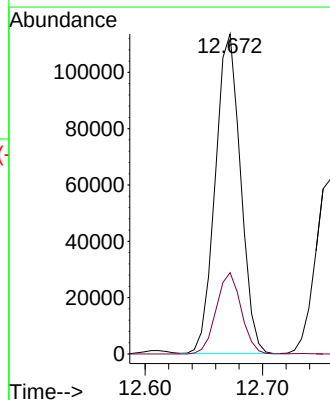
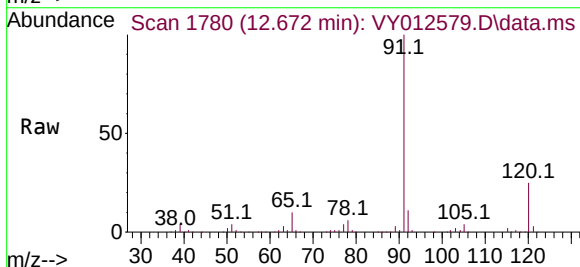
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

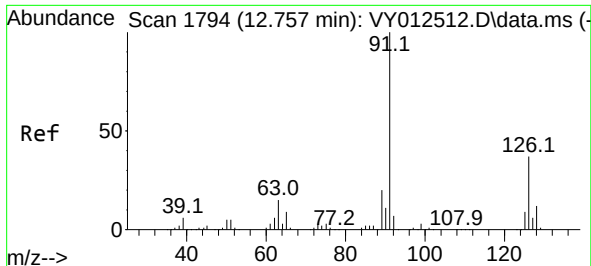
Tgt Ion:156 Resp: 35375
Ion Ratio Lower Upper
156 100
77 150.0 80.6 241.8
158 97.5 49.1 147.3



#78
n-propylbenzene
Concen: 20.254 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 91 Resp: 169343
Ion Ratio Lower Upper
91 100
120 25.2 12.4 37.4

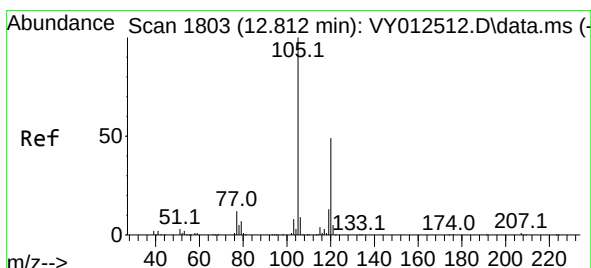
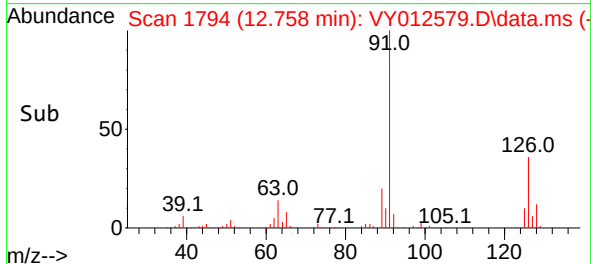
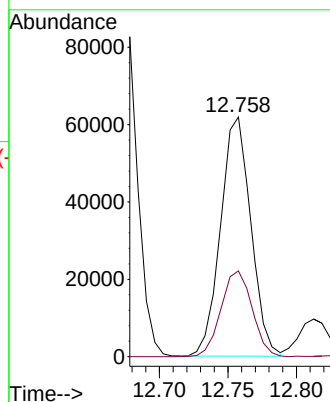
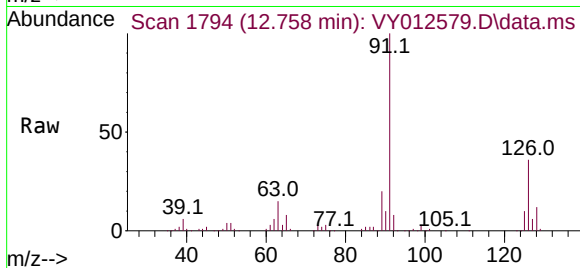




#79
2-Chlorotoluene
Concen: 20.051 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

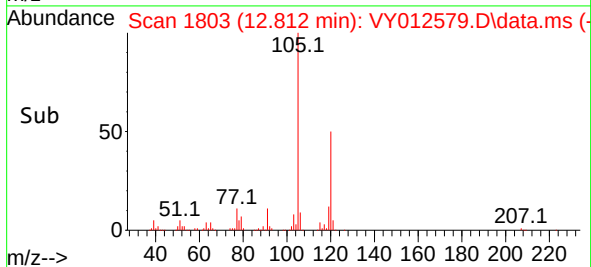
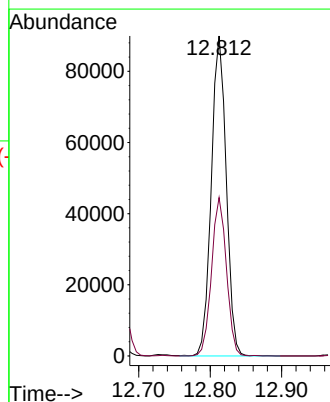
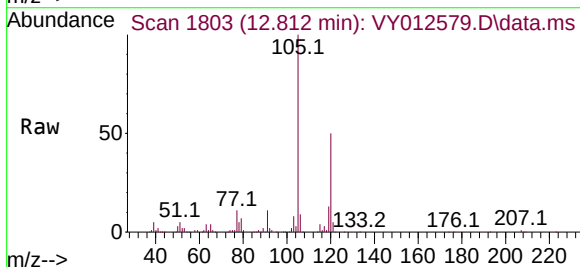
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

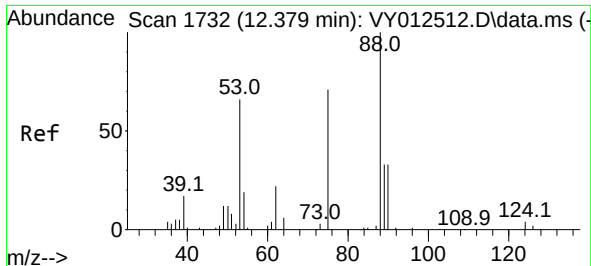
Tgt Ion: 91 Resp: 95165
Ion Ratio Lower Upper
91 100
126 36.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.848 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 105 Resp: 130369
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0

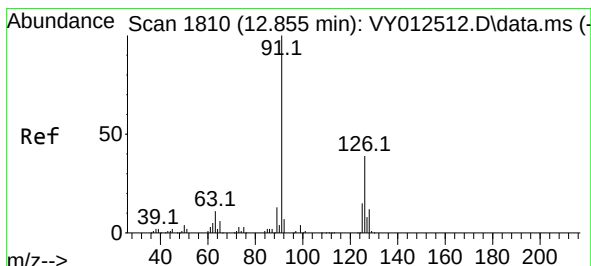
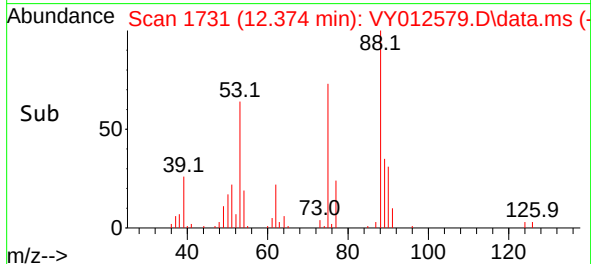
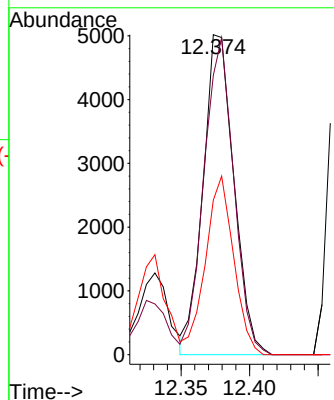
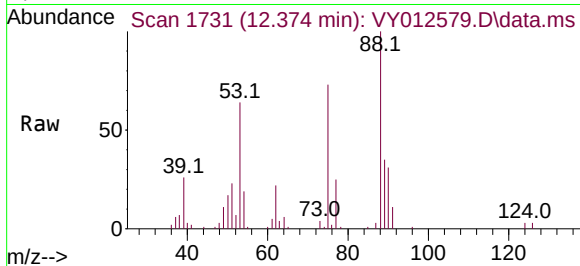




#81
trans-1,4-Dichloro-2-butene
Concen: 17.675 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

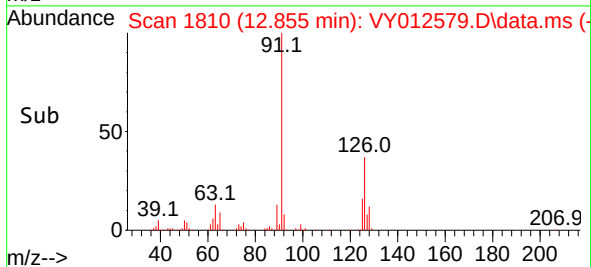
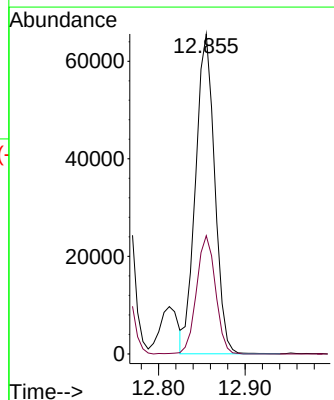
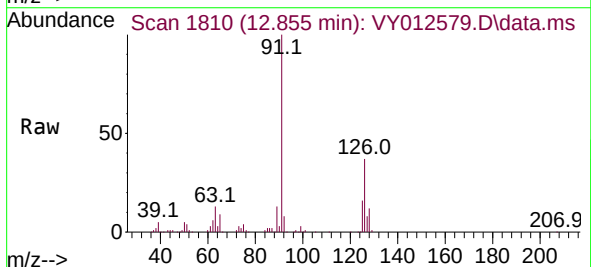
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

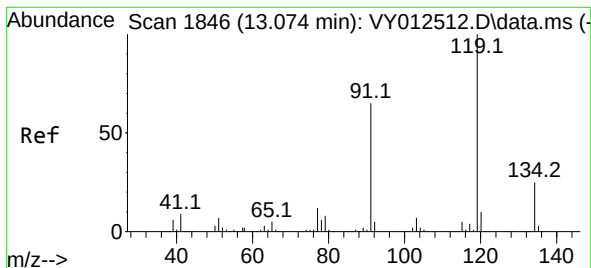
Tgt Ion:	75	Resp:	7862
Ion	Ratio	Lower	Upper
75	100		
53	95.9	73.1	109.7
89	51.1	39.9	59.9



#82
4-Chlorotoluene
Concen: 20.134 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:	91	Resp:	100242
Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.1	54.3





#83

tert-Butylbenzene

Concen: 20.635 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

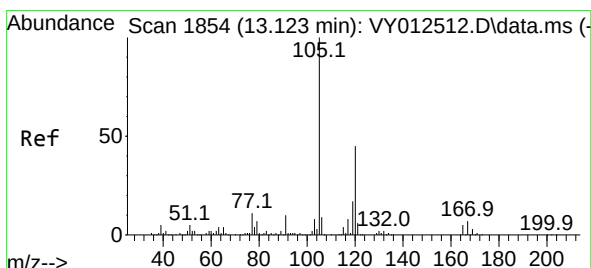
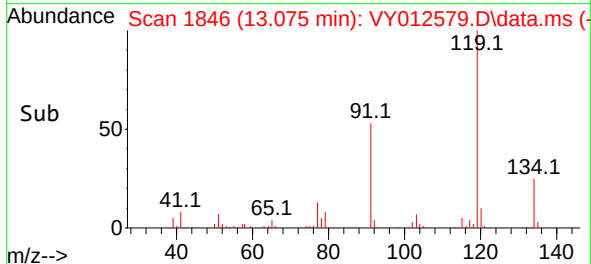
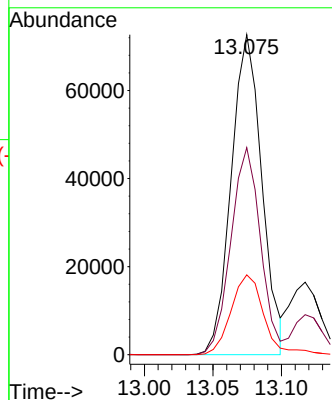
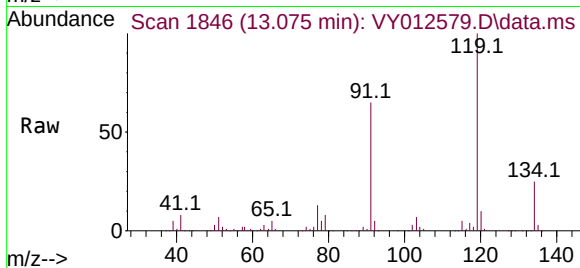
Tgt Ion:119 Resp: 113153

Ion Ratio Lower Upper

119 100

91 62.7 33.0 99.0

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.687 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012579.D

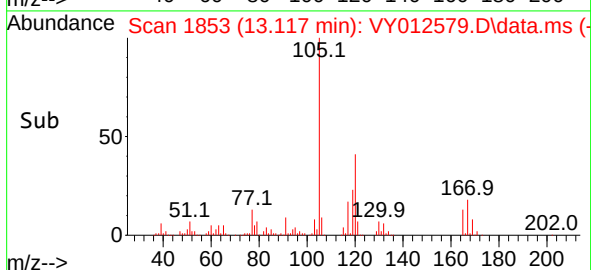
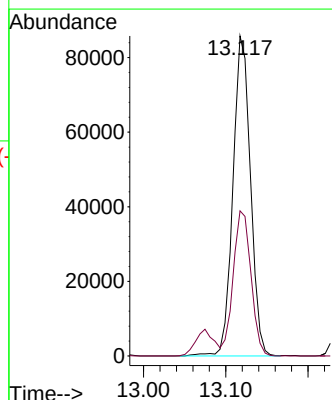
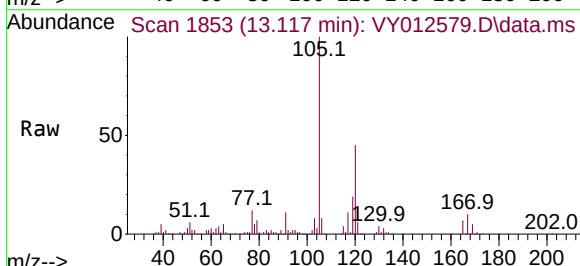
Acq: 14 Feb 2023 11:13

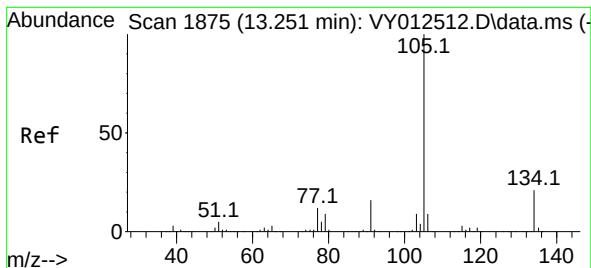
Tgt Ion:105 Resp: 127283

Ion Ratio Lower Upper

105 100

120 46.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.582 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

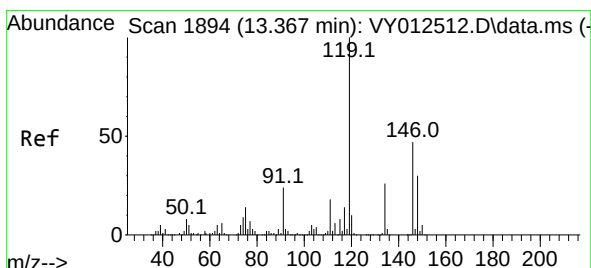
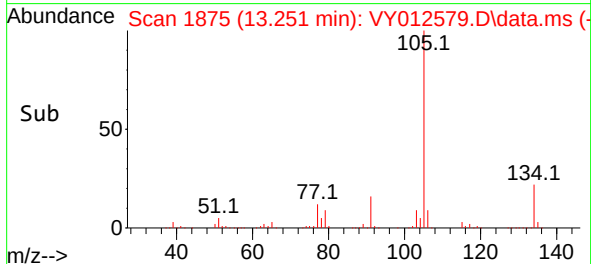
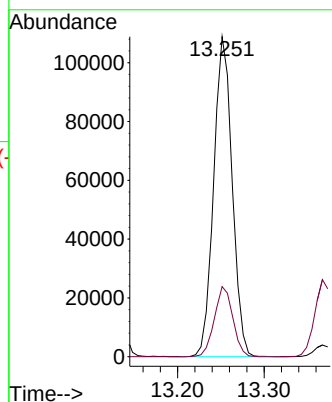
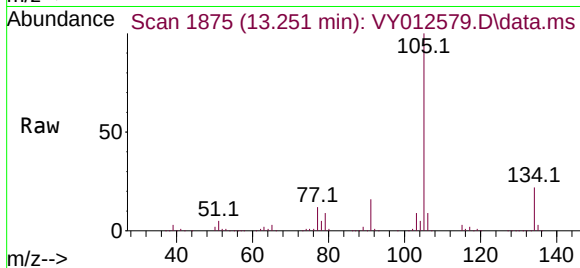
VY0214SBS01

Tgt Ion:105 Resp: 161461

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3



#86

p-Isopropyltoluene

Concen: 20.938 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

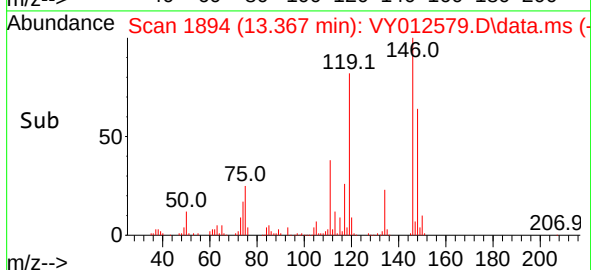
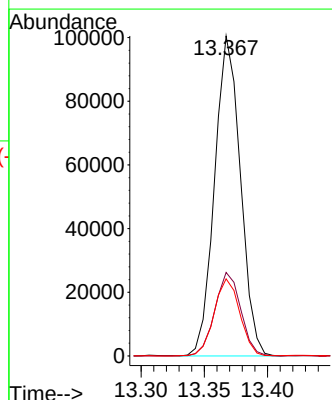
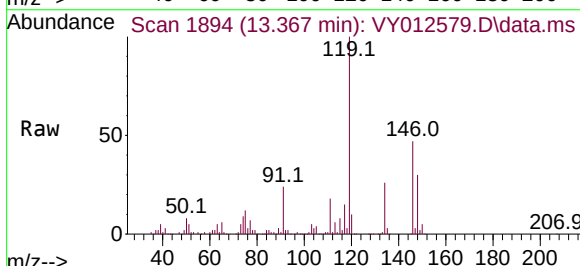
Tgt Ion:119 Resp: 142493

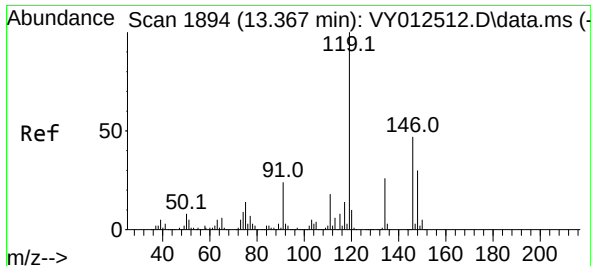
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

91 24.1 12.0 36.1

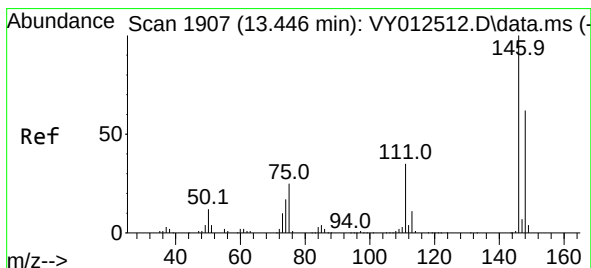
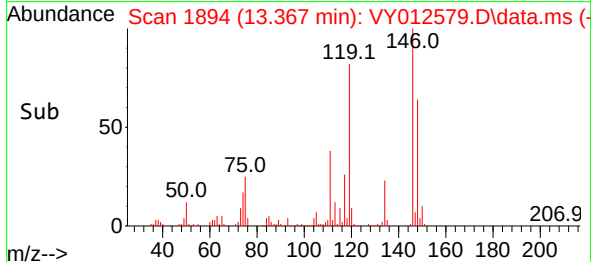
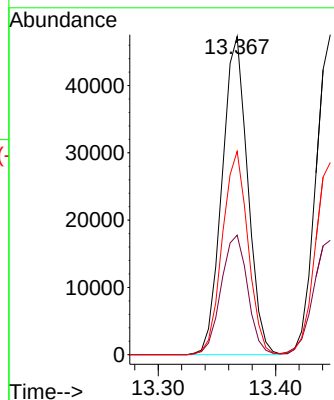
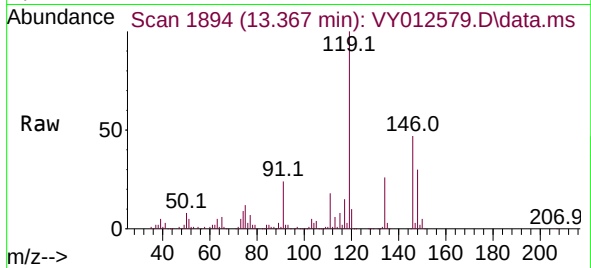




#87
1,3-Dichlorobenzene
Concen: 20.494 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

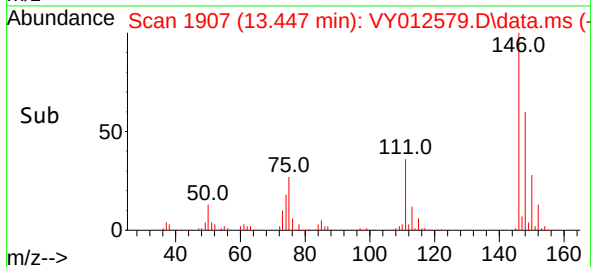
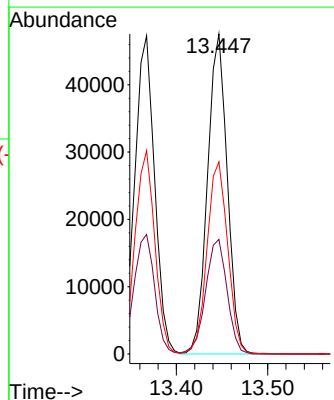
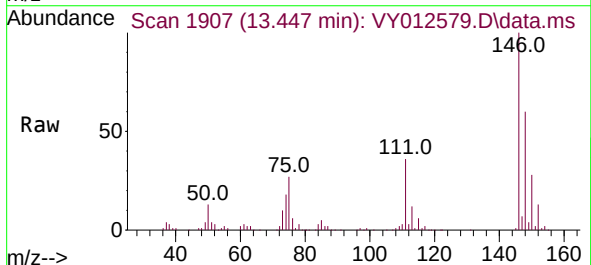
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

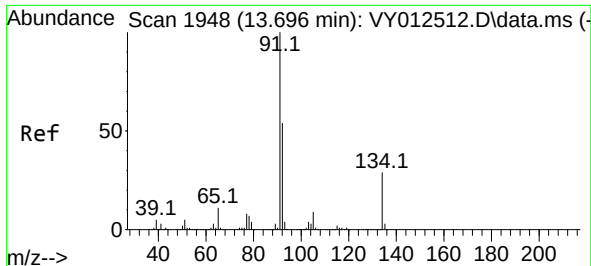
Tgt Ion:146 Resp: 71794
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 63.8 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 20.313 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion:146 Resp: 71279
Ion Ratio Lower Upper
146 100
111 39.0 18.4 55.2
148 63.0 31.6 95.0

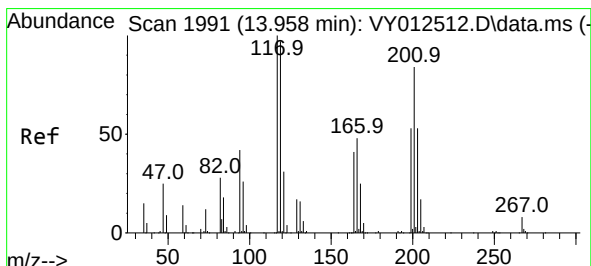
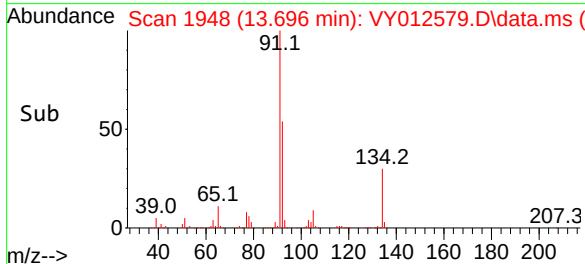
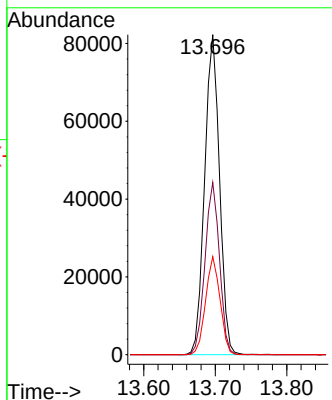
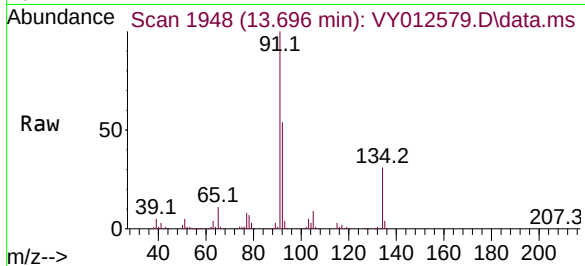




#89
n-Butylbenzene
Concen: 20.432 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

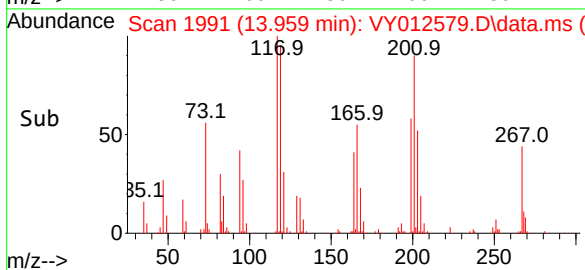
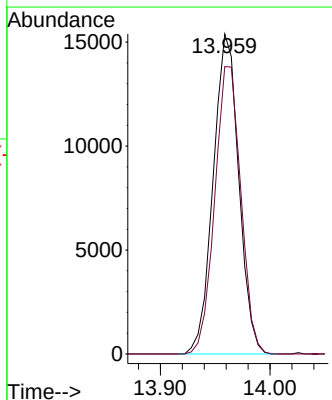
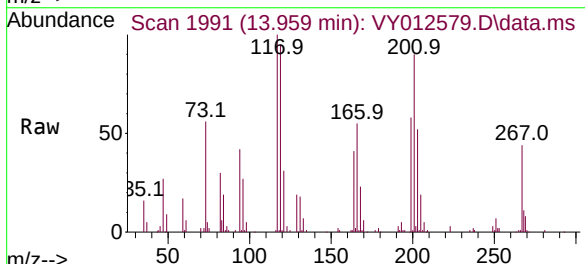
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

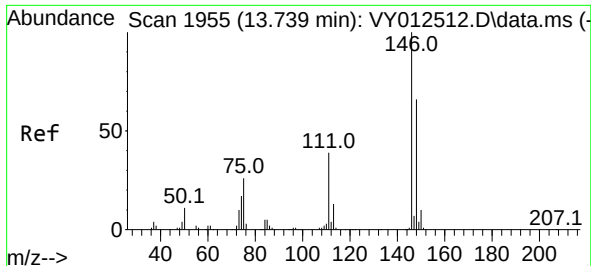
Tgt Ion: 91 Resp: 118838
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 29.8 14.5 43.5



#90
Hexachloroethane
Concen: 19.970 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012579.D
Acq: 14 Feb 2023 11:13

Tgt Ion: 117 Resp: 24946
Ion Ratio Lower Upper
117 100
201 91.5 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

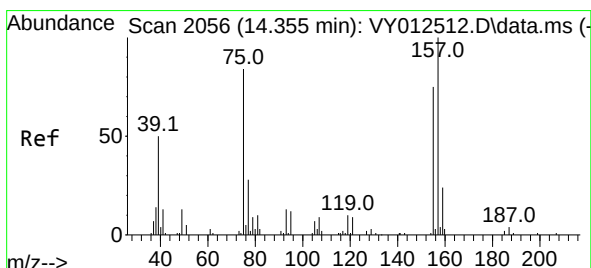
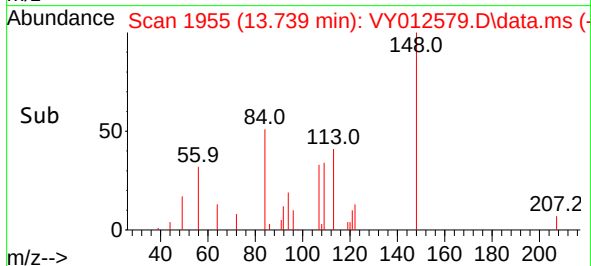
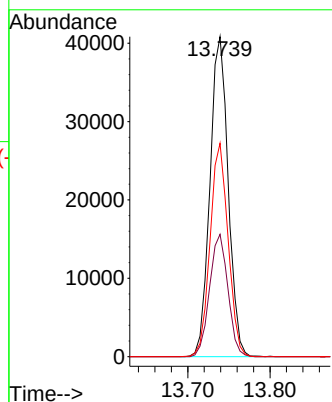
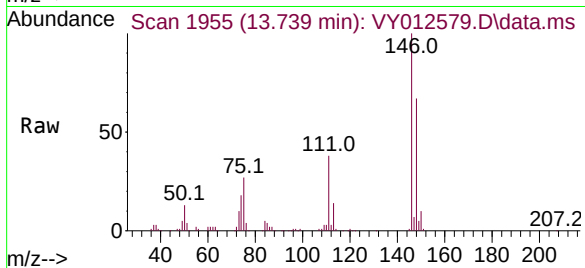
Tgt Ion:146 Resp: 62946

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.1

148 66.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.371 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

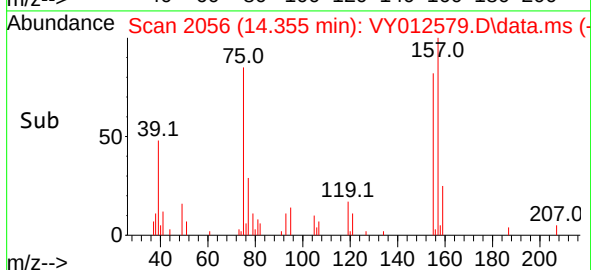
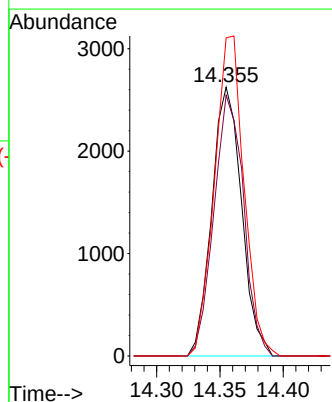
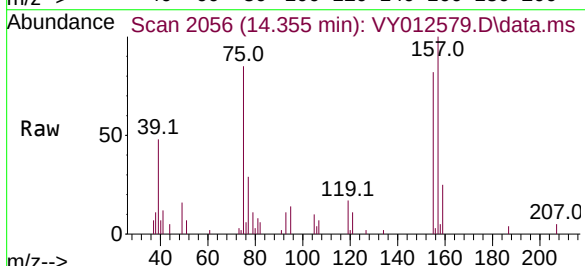
Tgt Ion: 75 Resp: 4294

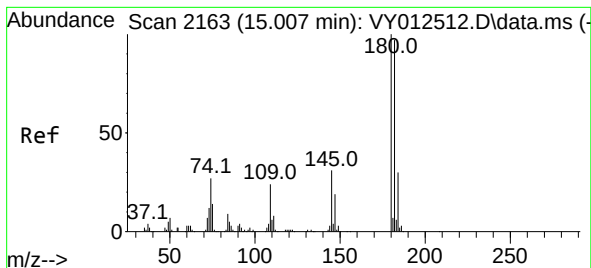
Ion Ratio Lower Upper

75 100

155 96.6 46.5 139.3

157 118.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.233 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

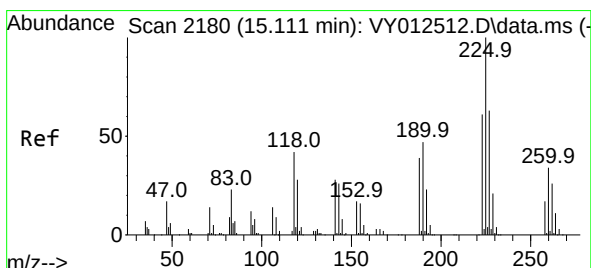
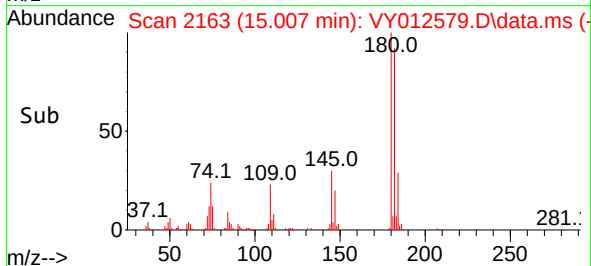
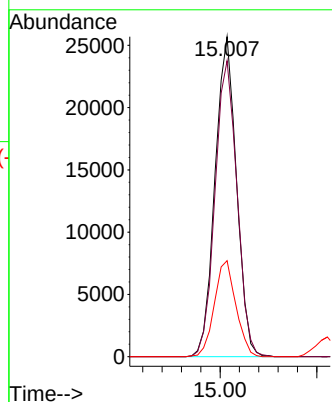
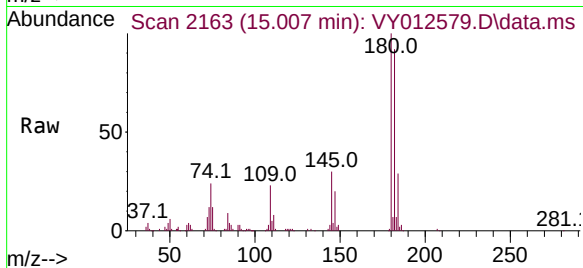
Tgt Ion:180 Resp: 39508

Ion Ratio Lower Upper

180 100

182 94.8 47.7 143.1

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.371 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

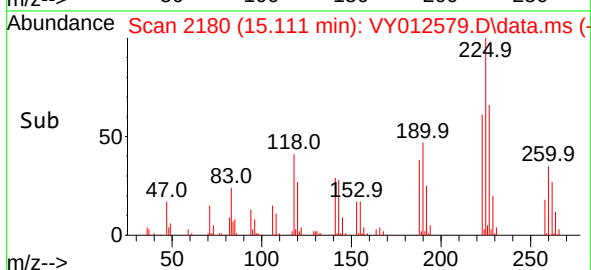
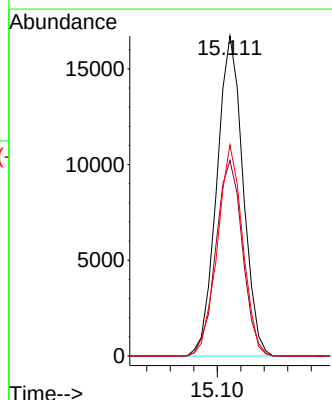
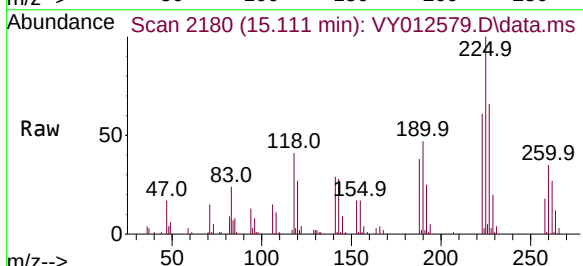
Tgt Ion:225 Resp: 25923

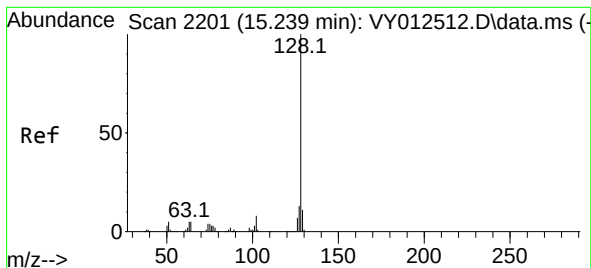
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 63.4 31.9 95.5





#95

Naphthalene

Concen: 19.255 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

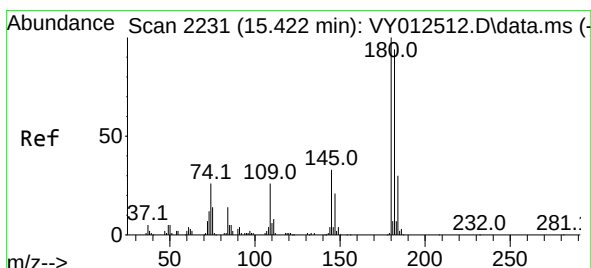
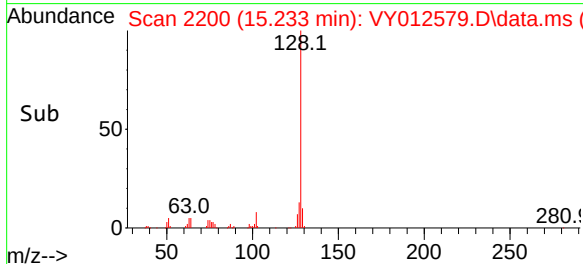
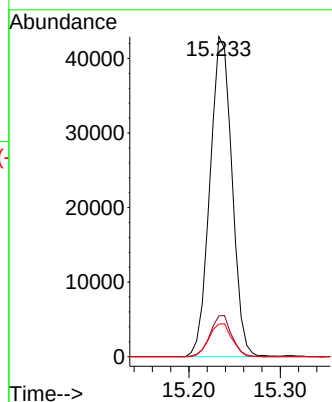
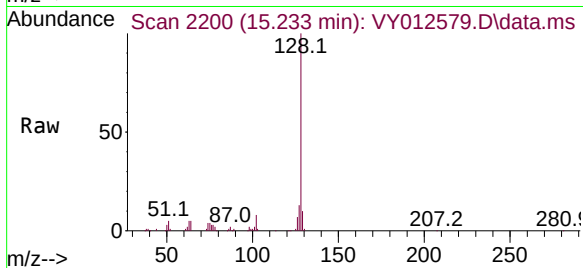
Tgt Ion:128 Resp: 72174

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.418 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012579.D

Acq: 14 Feb 2023 11:13

Tgt Ion:180 Resp: 34510

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.2

145 31.2 16.2 48.6

