

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008968.D
 Acq On : 21 May 2022 23:56
 Operator : KP/MD
 Sample : VY0521SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS02

Quant Time: May 22 02:46:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	97090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	45907	45.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.880%		
35) Dibromofluoromethane	7.710	113	48382	46.795	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.600%		
50) Toluene-d8	10.179	98	153639	40.280	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.560%		
62) 4-Bromofluorobenzene	12.477	95	70226	45.642	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19574	22.043	ug/l	99
3) Chloromethane	2.107	50	33320	26.191	ug/l	95
4) Vinyl Chloride	2.247	62	50093	26.578	ug/l	99
5) Bromomethane	2.625	94	59052	31.963	ug/l	96
6) Chloroethane	2.784	64	37058	27.754	ug/l	98
7) Trichlorofluoromethane	3.113	101	37490	23.422	ug/l	98
8) Diethyl Ether	3.522	74	12364	24.704	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	22659	23.034	ug/l	91
10) Methyl Iodide	4.082	142	18426	18.139	ug/l	94
11) Tert butyl alcohol	4.948	59	12785	126.141	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	20382	22.319	ug/l	86
13) Acrolein	3.717	56	5670	169.955	ug/l	95
14) Allyl chloride	4.466	41	30905	22.456	ug/l #	90
15) Acrylonitrile	5.155	53	33798	120.610	ug/l	99
16) Acetone	3.942	43	27607	132.727	ug/l	95
17) Carbon Disulfide	4.186	76	63934	21.430	ug/l	99
18) Methyl Acetate	4.466	43	16634	25.682	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	62209	22.696	ug/l	99
20) Methylene Chloride	4.710	84	26694	17.773	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	26084	22.254	ug/l	84
22) Diisopropyl ether	6.113	45	74893	22.651	ug/l #	95
23) Vinyl Acetate	6.052	43	249106	113.899	ug/l	96
24) 1,1-Dichloroethane	6.009	63	44881	22.695	ug/l	99
25) 2-Butanone	6.984	43	44586	120.014	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	33209	18.230	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	28734	21.747	ug/l	88
28) Bromochloromethane	7.326	49	16300	24.014	ug/l	92
29) Tetrahydrofuran	7.344	42	29611	117.338	ug/l #	86
30) Chloroform	7.503	83	47657	22.325	ug/l	96
31) Cyclohexane	7.777	56	40465	20.700	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	42244	21.812	ug/l	99
36) 1,1-Dichloropropene	7.911	75	36659	20.835	ug/l	98
37) Ethyl Acetate	7.070	43	21132	23.153	ug/l	96
38) Carbon Tetrachloride	7.893	117	36872	20.032	ug/l	95
39) Methylcyclohexane	9.179	83	45188	19.897	ug/l	92
40) Benzene	8.155	78	107841	21.255	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	28128	59.722	ug/l #	45
42) 1,2-Dichloroethane	8.234	62	32728	21.967	ug/l	93
43) Isopropyl Acetate	8.271	43	38835	22.883	ug/l #	90
44) Trichloroethene	8.935	130	28309	21.072	ug/l	97
45) 1,2-Dichloropropane	9.210	63	27024	22.182	ug/l	94
46) Dibromomethane	9.301	93	17183	22.181	ug/l	92
47) Bromodichloromethane	9.490	83	39281	22.188	ug/l	97
48) Methyl methacrylate	9.289	41	17548	23.156	ug/l #	86
49) 1,4-Dioxane	9.289	88	4753	458.987	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	108770	115.807	ug/l	93
52) Toluene	10.240	92	72811	20.535	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	37434	19.911	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	41066	20.319	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	22729	20.972	ug/l	97
56) Ethyl methacrylate	10.508	69	28374	20.478	ug/l	93
57) 1,3-Dichloropropane	10.789	76	39388	22.279	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	65812	109.786	ug/l	96
59) 2-Hexanone	10.831	43	75285	117.072	ug/l	91
60) Dibromochloromethane	10.984	129	26539	20.201	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22786	21.217	ug/l	98
64) Tetrachloroethene	10.715	164	24449	20.367	ug/l	97
65) Chlorobenzene	11.514	112	80254	21.201	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	27726	20.003	ug/l	96
67) Ethyl Benzene	11.587	91	137391	20.140	ug/l	98
68) m/p-Xylenes	11.697	106	111008	40.084	ug/l	90
69) o-Xylene	12.026	106	51661	20.088	ug/l	91
70) Styrene	12.044	104	86764	19.618	ug/l	95
71) Bromoform	12.209	173	18171	19.776	ug/l #	99
73) Isopropylbenzene	12.325	105	134191	19.834	ug/l	100
74) N-amyl acetate	12.142	43	37004	23.705	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	30613	21.965	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36879	37.954	ug/l #	100
77) Bromobenzene	12.605	156	31919	20.352	ug/l	97
78) n-propylbenzene	12.666	91	169072	21.629	ug/l	100
79) 2-Chlorotoluene	12.752	91	90918	20.164	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	115003	20.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	9262	19.564	ug/l	88
82) 4-Chlorotoluene	12.849	91	100543	20.848	ug/l	98
83) tert-Butylbenzene	13.075	119	102717	20.416	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	116906	20.766	ug/l	98
85) sec-Butylbenzene	13.252	105	157020	20.398	ug/l	99
86) p-Isopropyltoluene	13.367	119	128934	20.086	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	68413	20.449	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	69578	20.700	ug/l	98
89) n-Butylbenzene	13.697	91	123154	20.971	ug/l	97
90) Hexachloroethane	13.959	117	25013	20.793	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	62455	21.148	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4714	21.786	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	31917	19.692	ug/l	98
94) Hexachlorobutadiene	15.111	225	17934	20.301	ug/l	99
95) Naphthalene	15.233	128	66682	20.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28529	20.256	ug/l	99

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

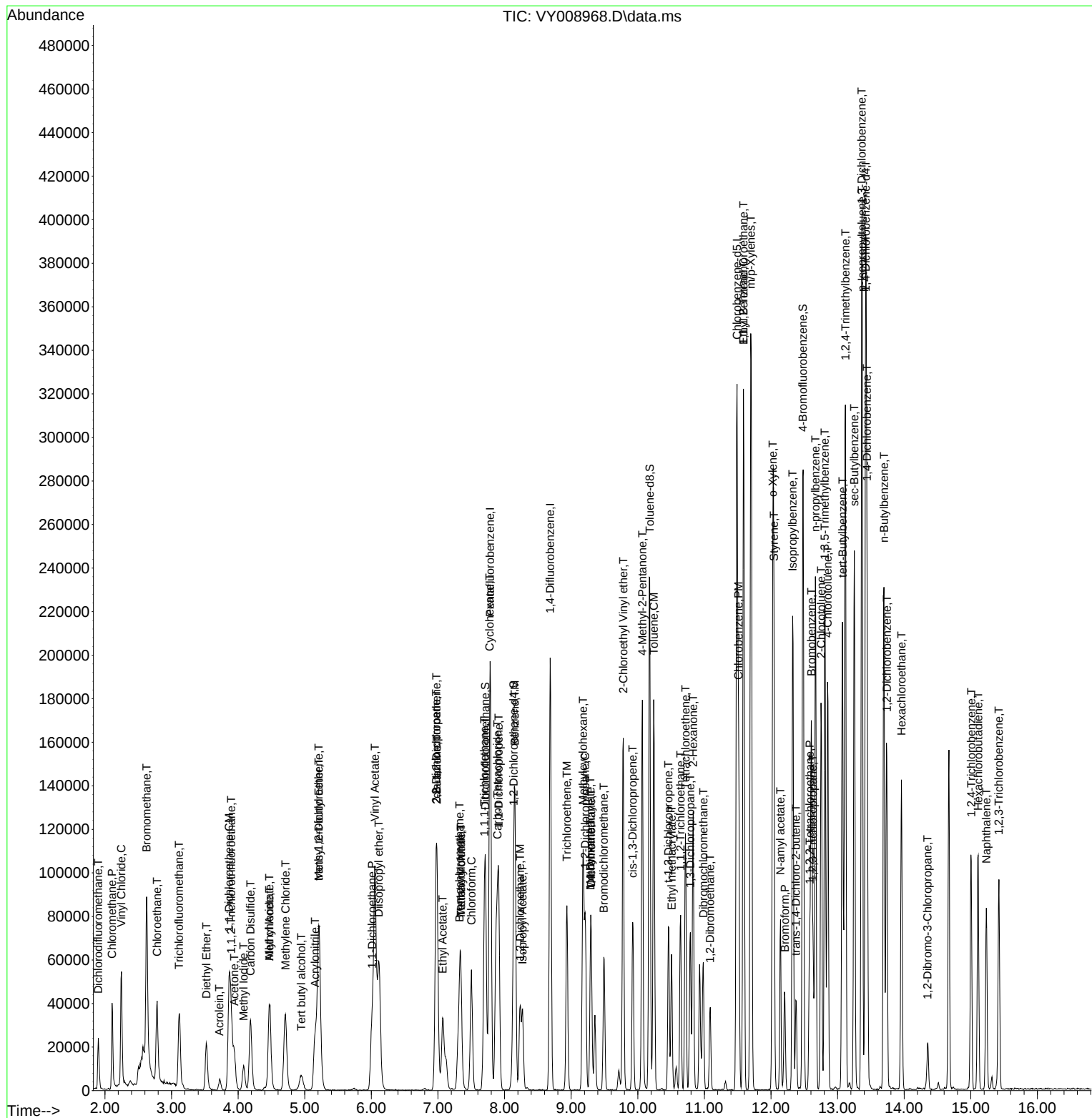
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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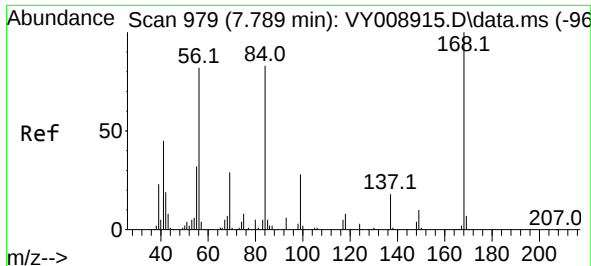
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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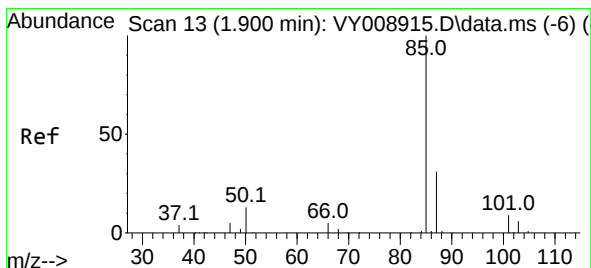
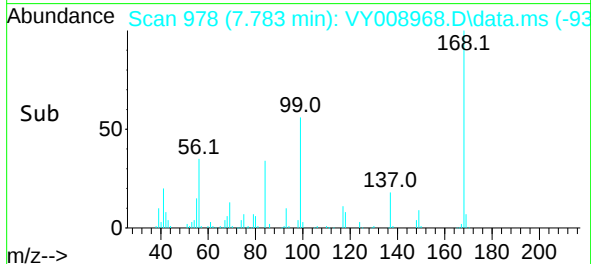
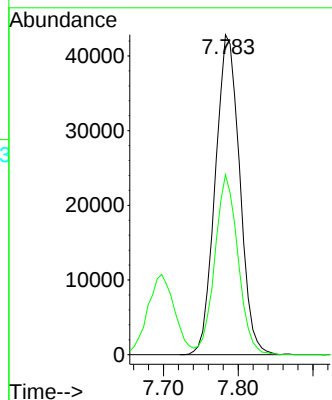
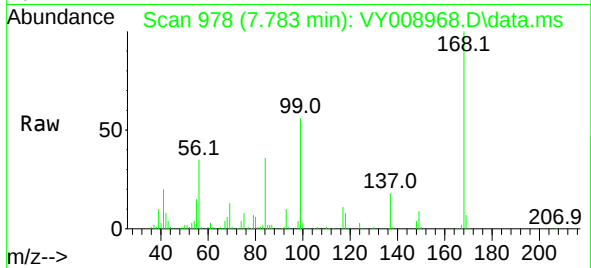




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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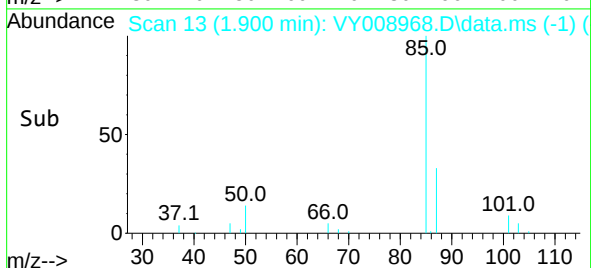
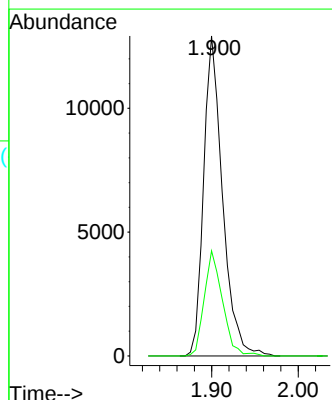
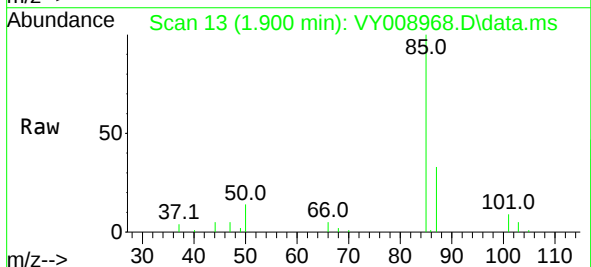
Instrument :
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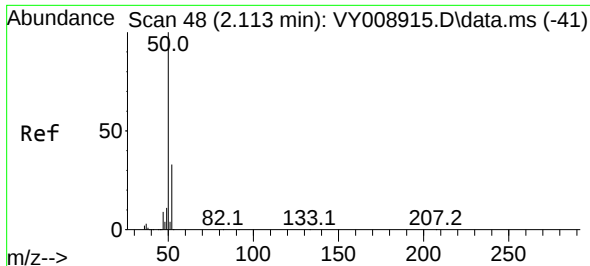
Tgt Ion:168 Resp: 97090
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 22.043 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 85 Resp: 19574
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

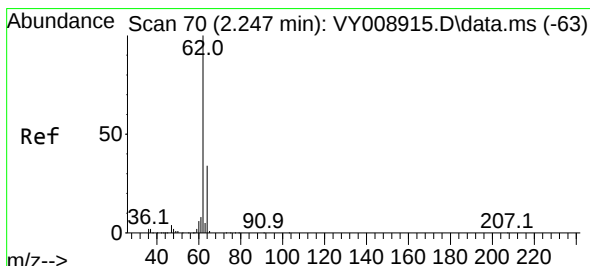
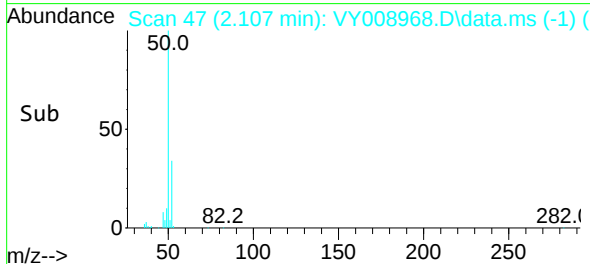
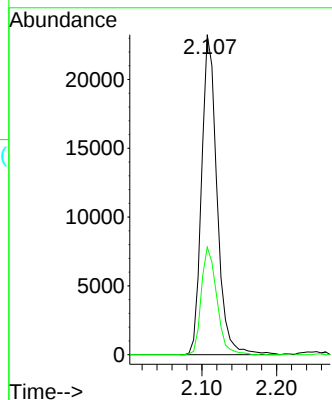
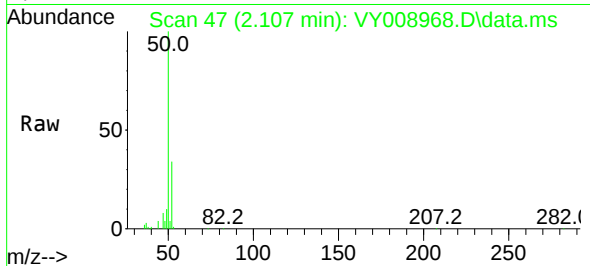




#3
Chloromethane
Concen: 26.191 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008968.D
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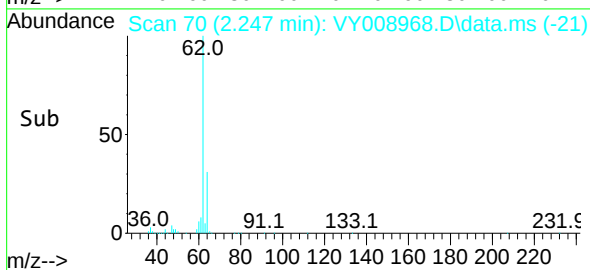
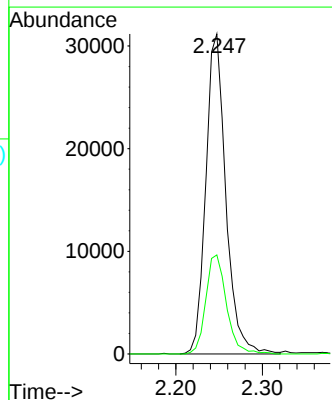
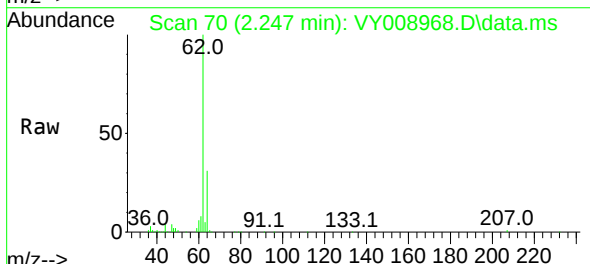
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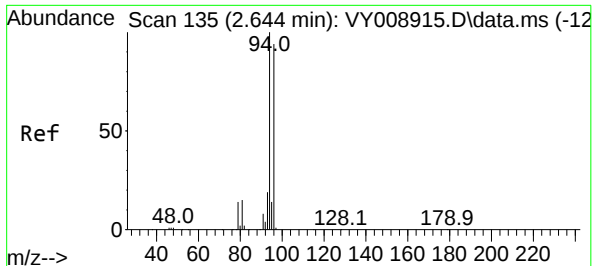
Tgt Ion: 50 Resp: 33320
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0



#4
Vinyl Chloride
Concen: 26.578 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 62 Resp: 50093
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6

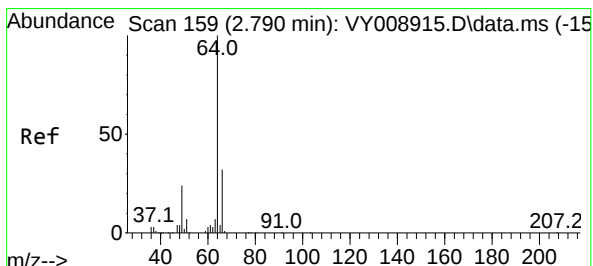
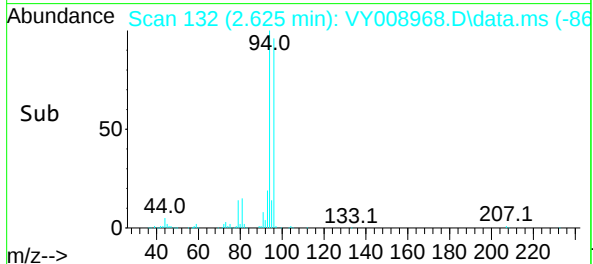
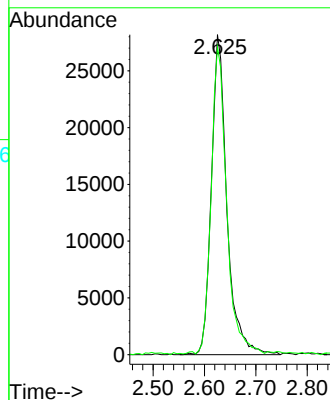
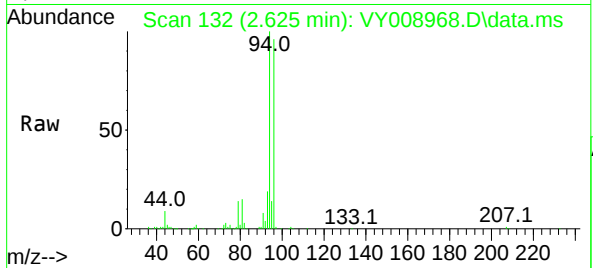




#5
Bromomethane
Concen: 31.963 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY008968.D
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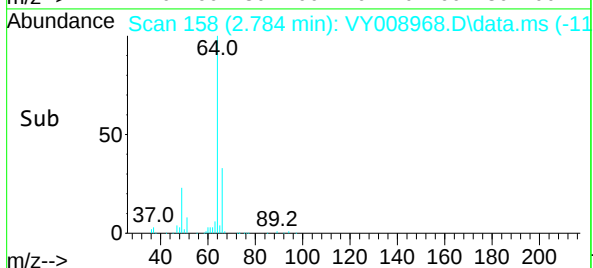
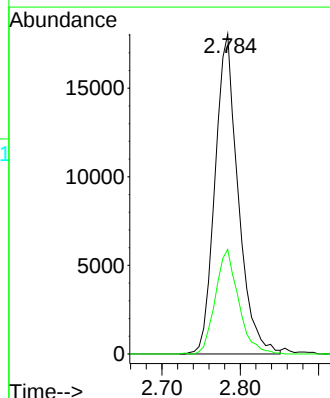
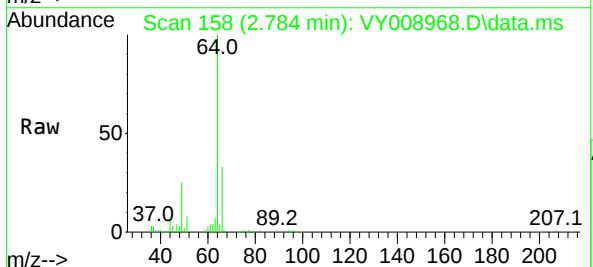
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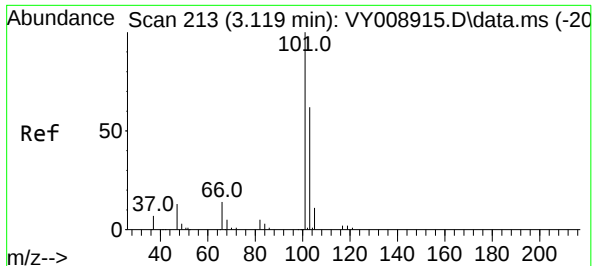
Tgt Ion: 94 Resp: 59052
Ion Ratio Lower Upper
94 100
96 95.8 73.5 110.3



#6
Chloroethane
Concen: 27.754 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 37058
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

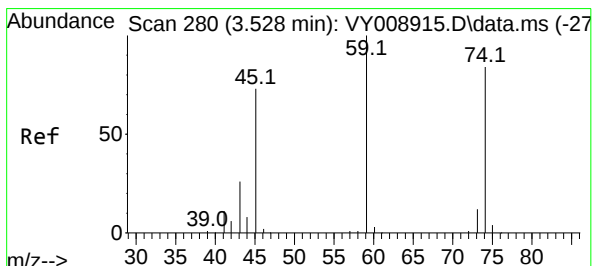
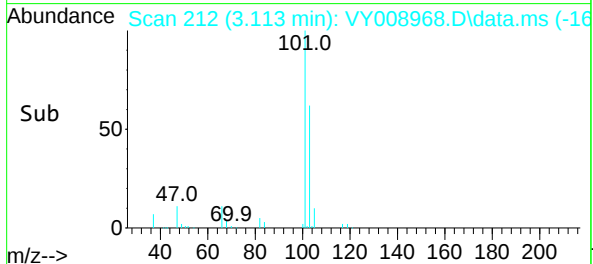
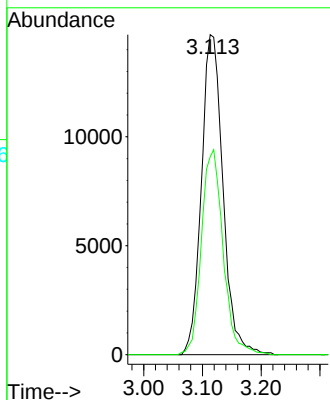
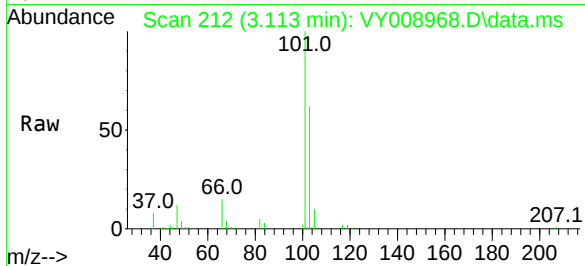




#7
Trichlorofluoromethane
Concen: 23.422 ug/l
RT: 3.113 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY008968.D
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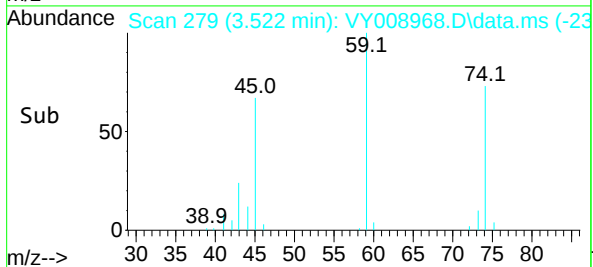
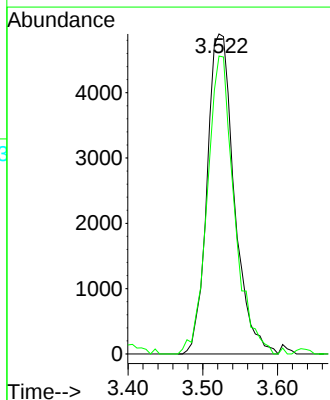
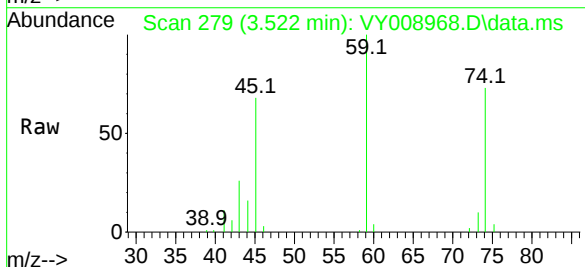
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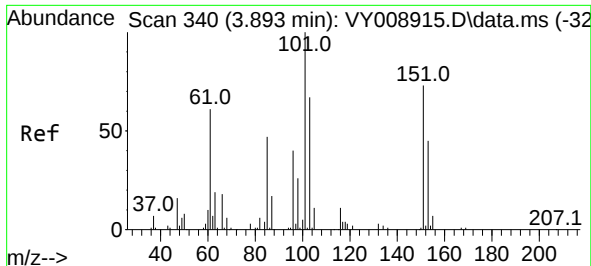
Tgt Ion:101 Resp: 37490
Ion Ratio Lower Upper
101 100
103 61.8 48.0 72.0



#8
Diethyl Ether
Concen: 24.704 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 74 Resp: 12364
Ion Ratio Lower Upper
74 100
45 92.5 55.1 165.5

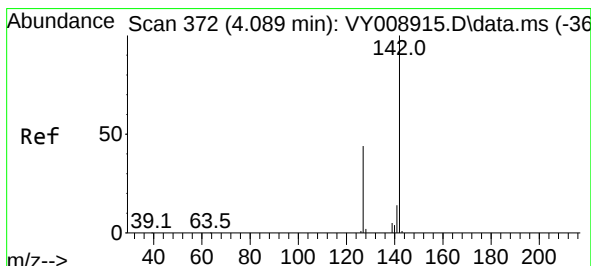
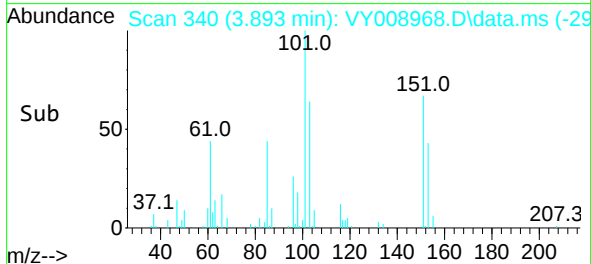
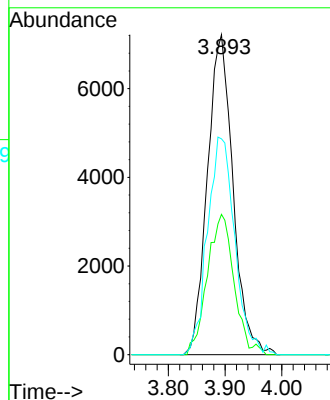
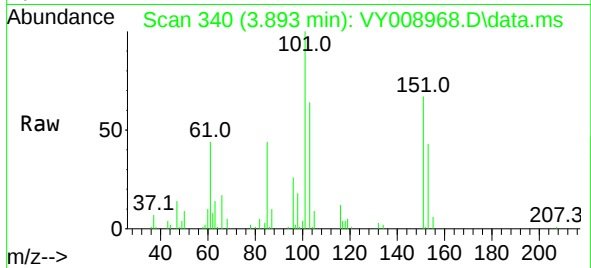




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.034 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

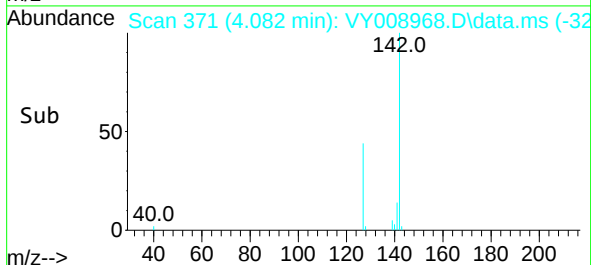
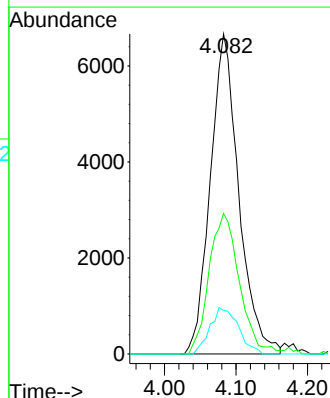
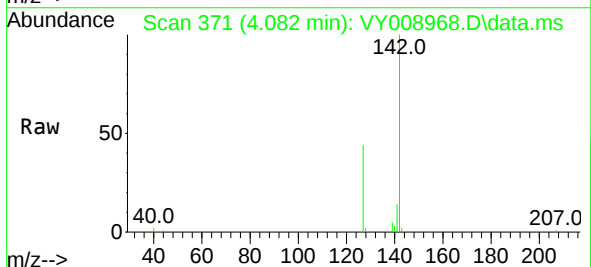
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

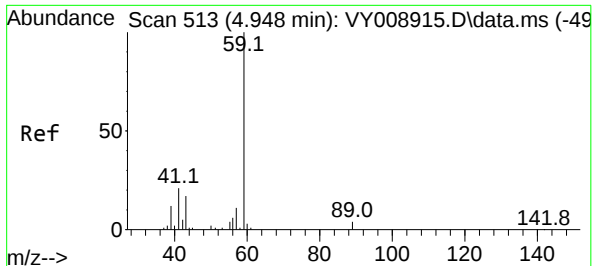
Tgt Ion:101 Resp: 22659
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 72.2 64.9 97.3



#10
Methyl Iodide
Concen: 18.139 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion:142 Resp: 18426
Ion Ratio Lower Upper
142 100
127 46.6 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 126.141 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

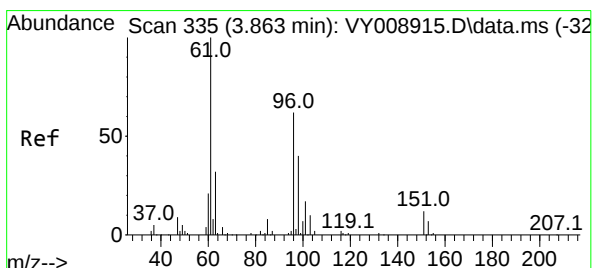
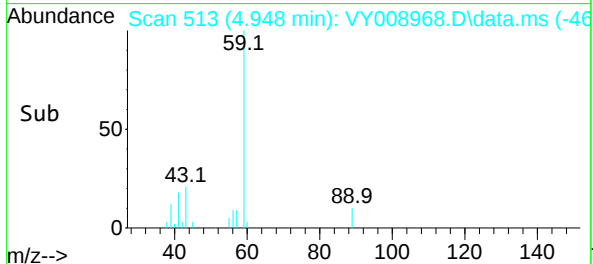
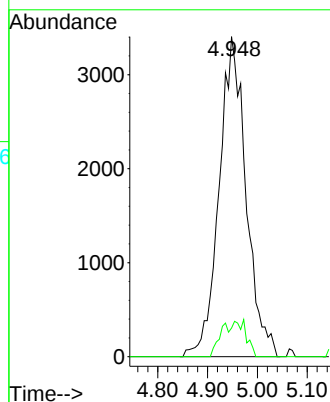
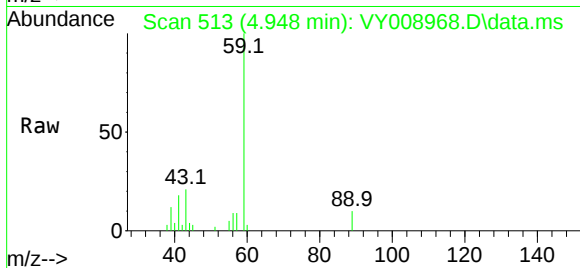
VY0521SBS02

Tgt Ion: 59 Resp: 12785

Ion Ratio Lower Upper

59 100

57 3.9 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 22.319 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

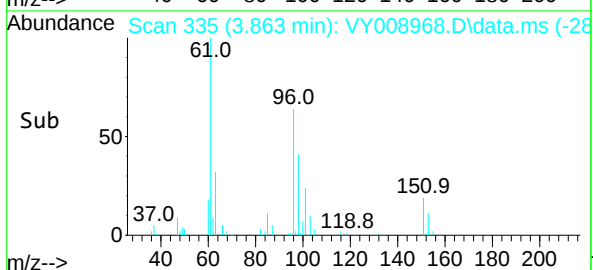
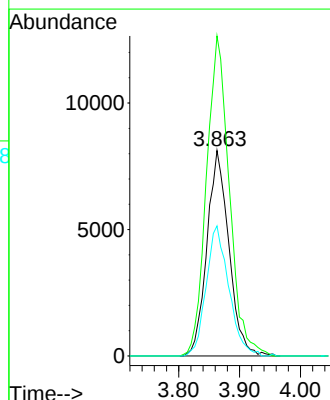
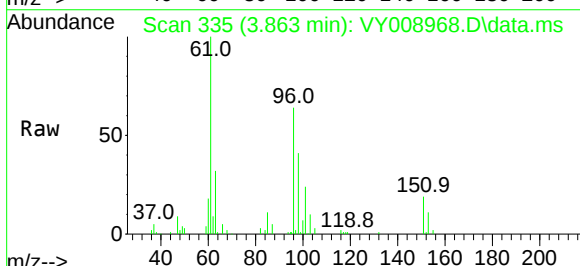
Tgt Ion: 96 Resp: 20382

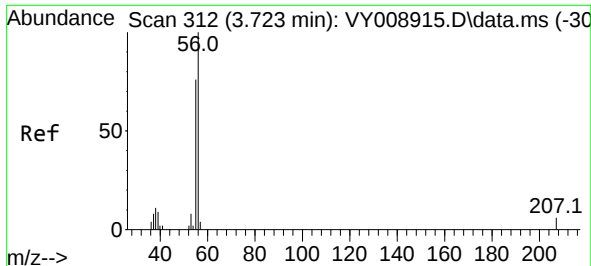
Ion Ratio Lower Upper

96 100

61 155.8 145.8 218.6

98 63.3 52.5 78.7

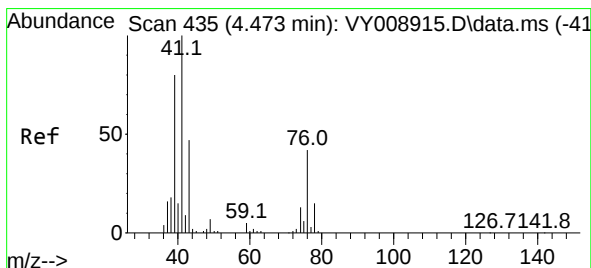
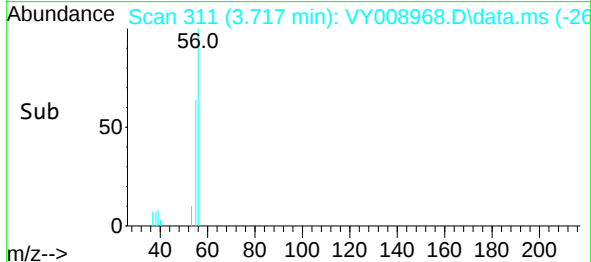
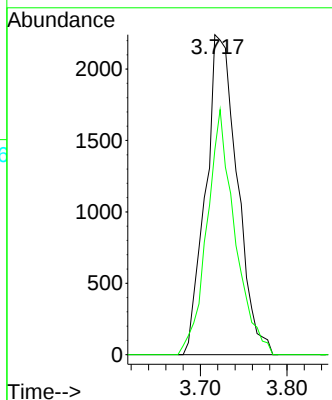
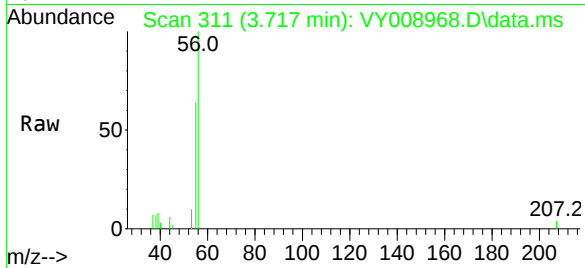




#13
Acrolein
Concen: 169.955 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

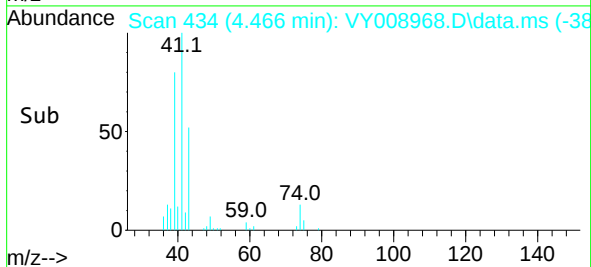
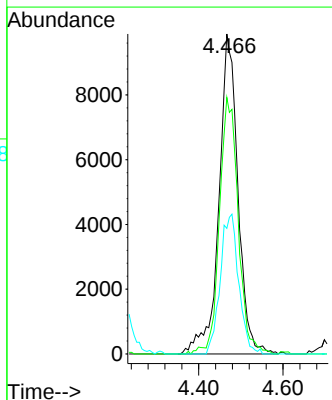
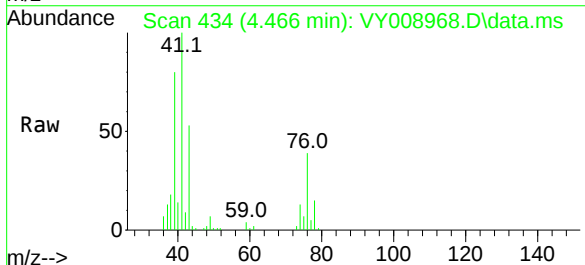
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

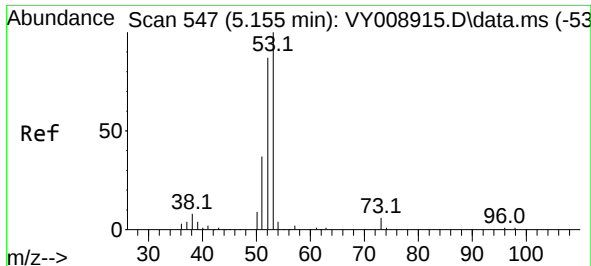
Tgt Ion: 56 Resp: 5670
Ion Ratio Lower Upper
56 100
55 67.9 57.6 86.4



#14
Allyl chloride
Concen: 22.456 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 41 Resp: 30905
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 42.3 25.1 37.7#

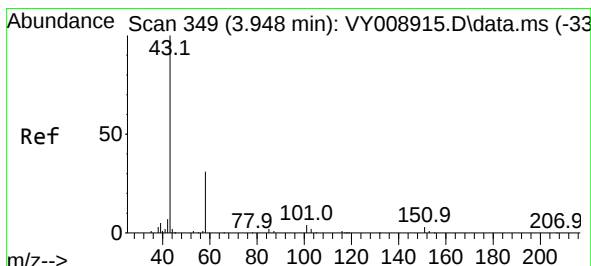
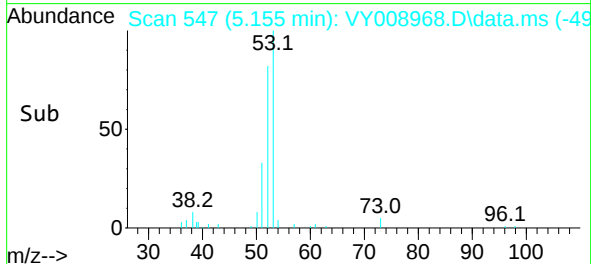
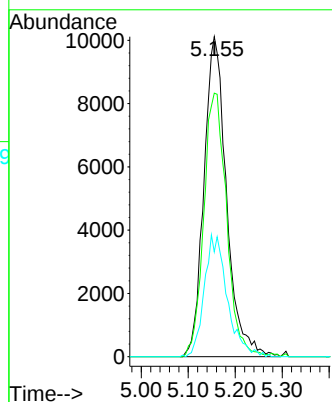
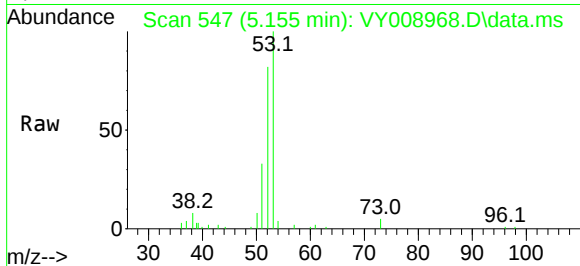




#15
Acrylonitrile
Concen: 120.610 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

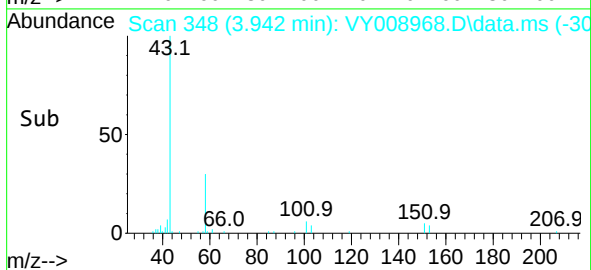
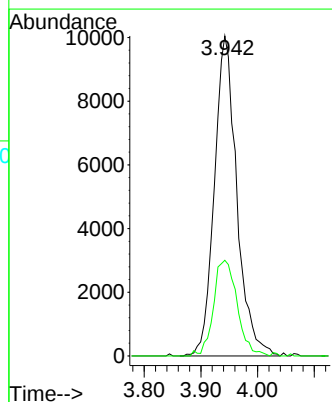
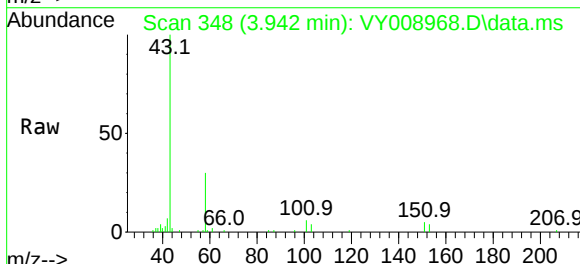
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

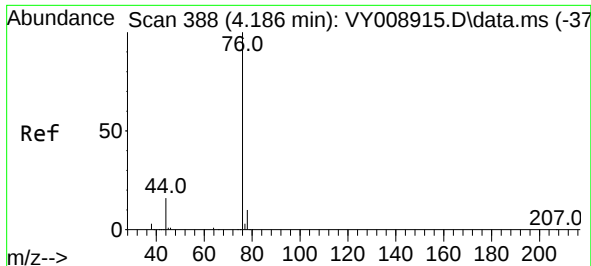
Tgt Ion: 53 Resp: 33798
Ion Ratio Lower Upper
53 100
52 83.1 67.0 100.4
51 38.6 29.8 44.6



#16
Acetone
Concen: 132.727 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 43 Resp: 27607
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0

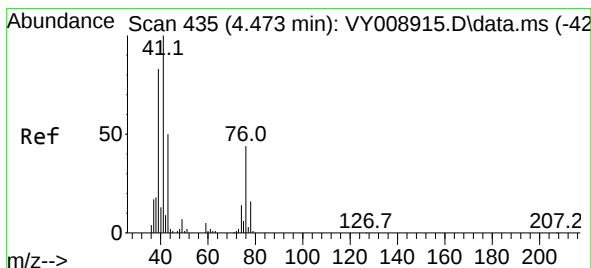
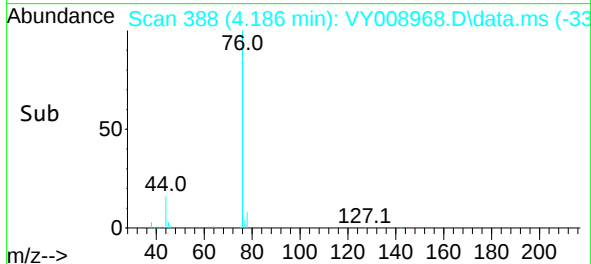
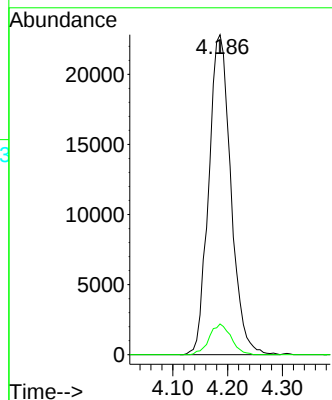
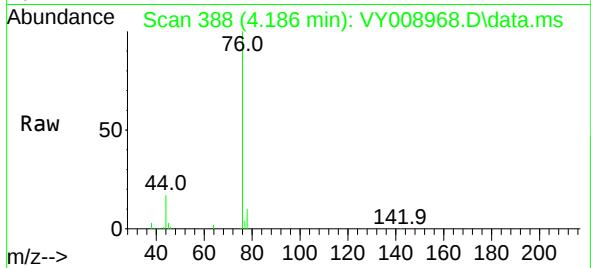




#17
Carbon Disulfide
Concen: 21.430 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

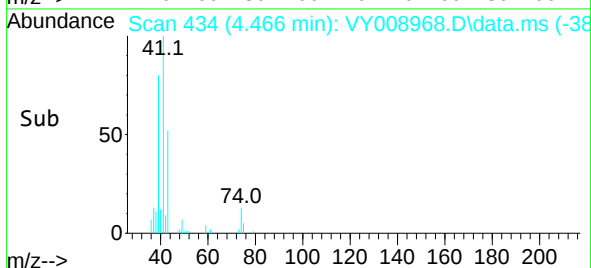
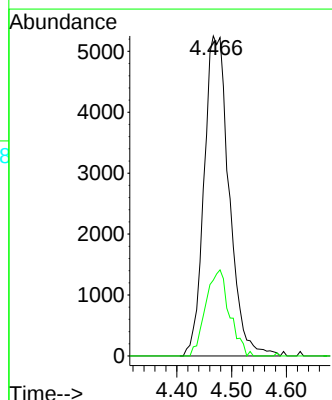
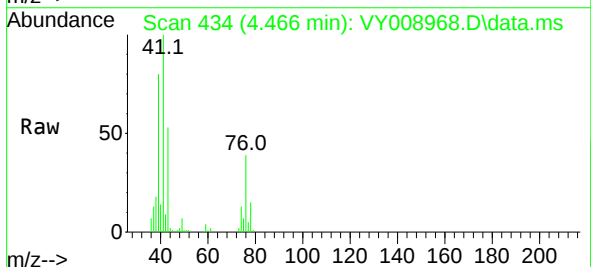
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

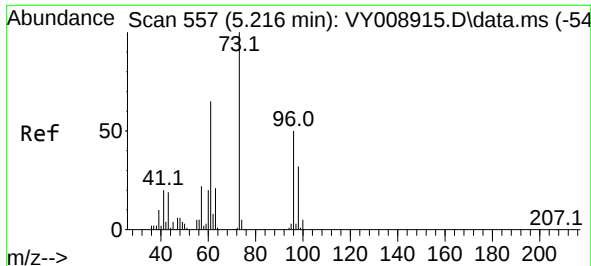
Tgt Ion: 76 Resp: 63934
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 25.682 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 43 Resp: 16634
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 22.696 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

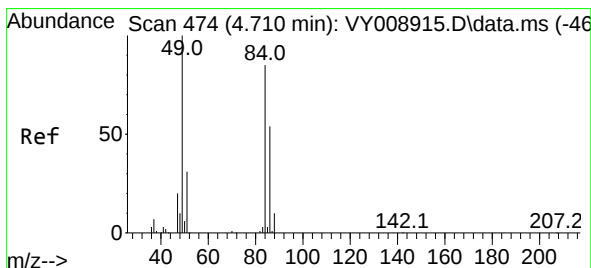
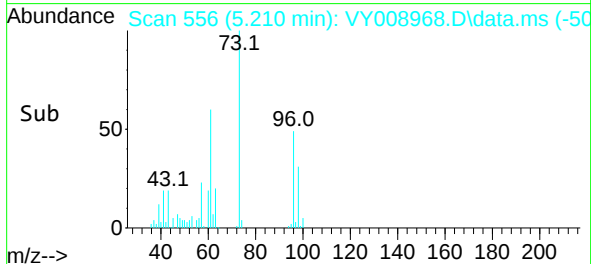
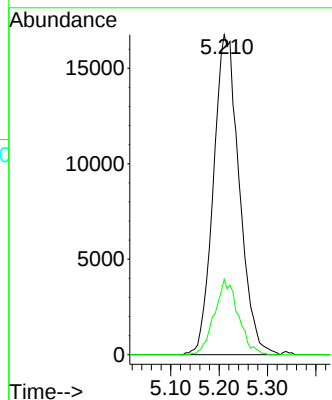
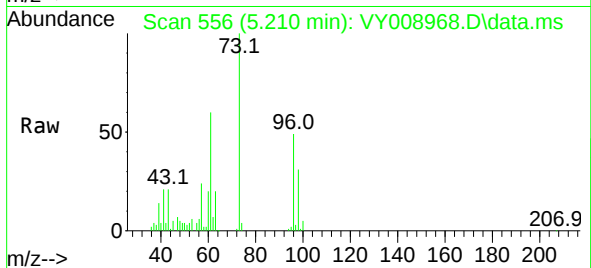
VY0521SBS02

Tgt Ion: 73 Resp: 62209

Ion Ratio Lower Upper

73 100

57 23.5 18.6 27.8



#20

Methylene Chloride

Concen: 17.773 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Tgt Ion: 84 Resp: 26694

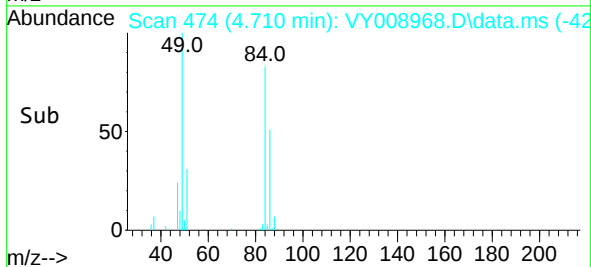
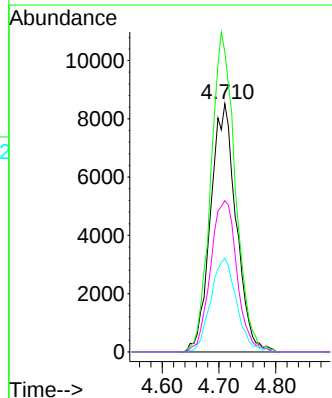
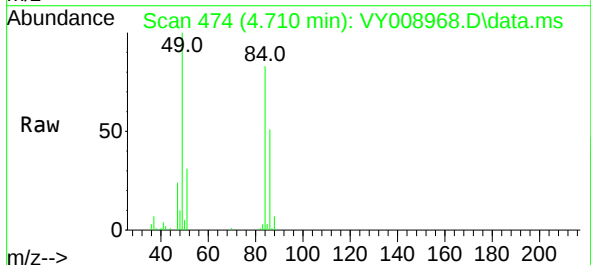
Ion Ratio Lower Upper

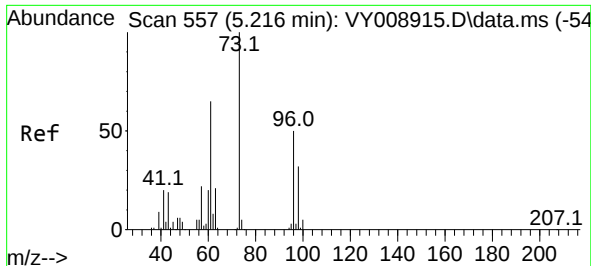
84 100

49 120.7 114.4 171.6

51 37.7 35.3 52.9

86 61.0 53.7 80.5

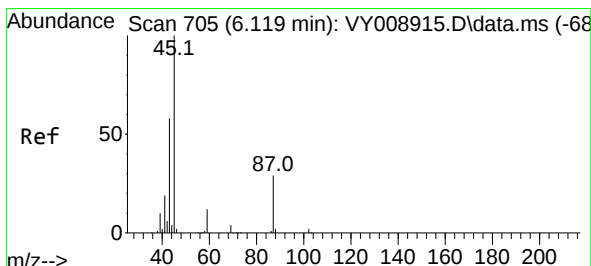
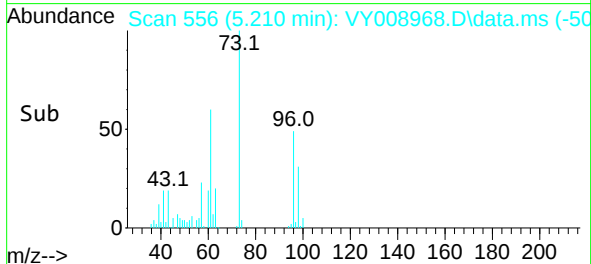
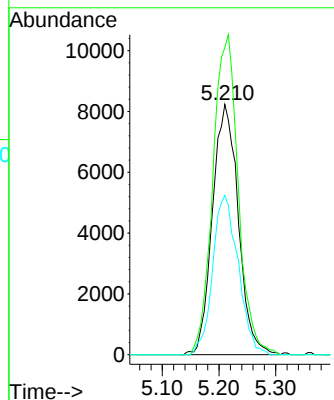
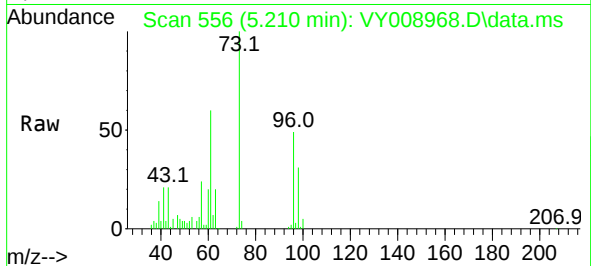




#21
trans-1,2-Dichloroethene
Concen: 22.254 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

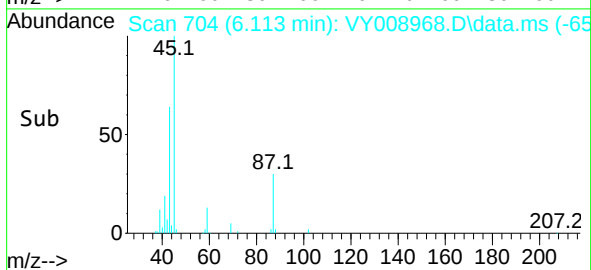
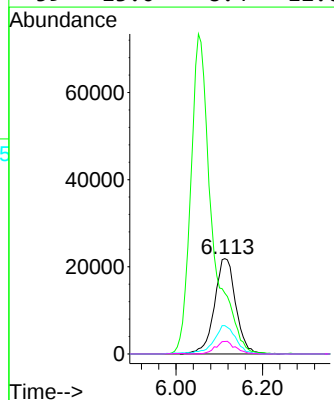
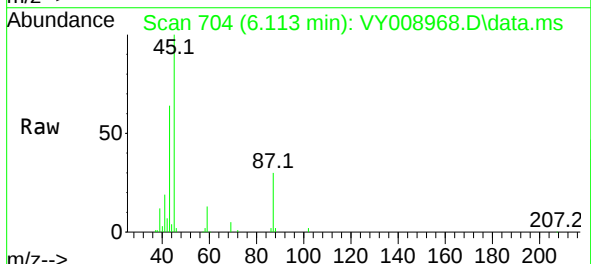
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

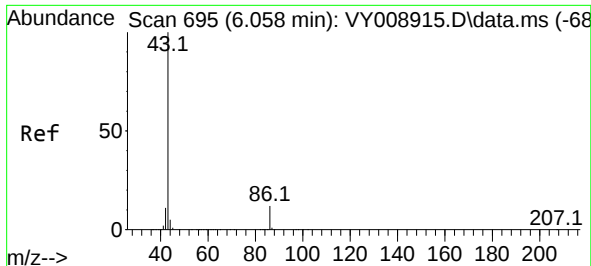
Tgt Ion: 96 Resp: 26084
Ion Ratio Lower Upper
96 100
61 122.8 120.5 180.7
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 22.651 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 45 Resp: 74893
Ion Ratio Lower Upper
45 100
43 63.4 49.3 73.9
87 29.7 19.2 28.8#
59 13.0 8.4 12.6#

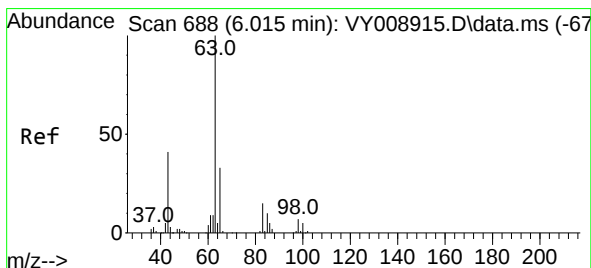
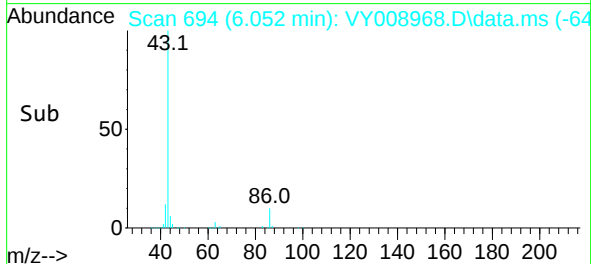
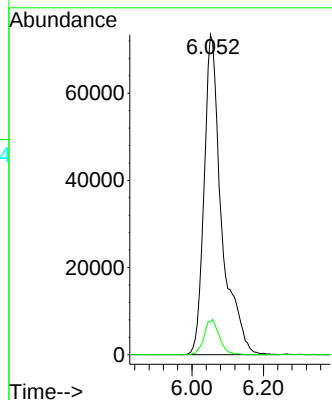
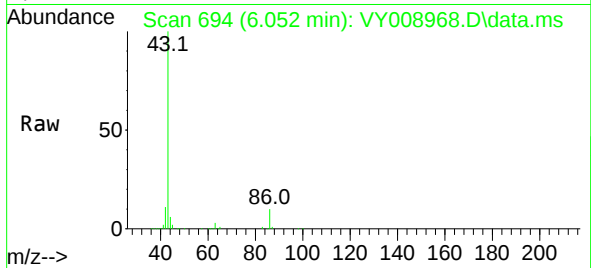




#23
 Vinyl Acetate
 Concen: 113.899 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

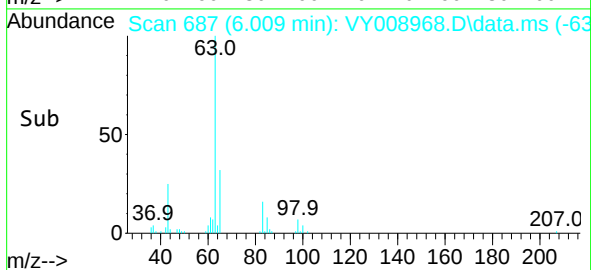
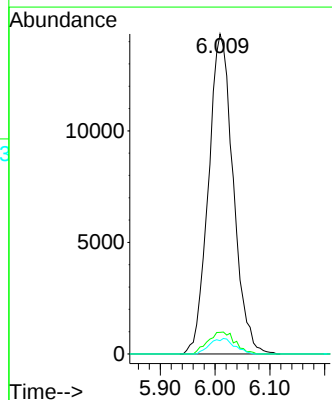
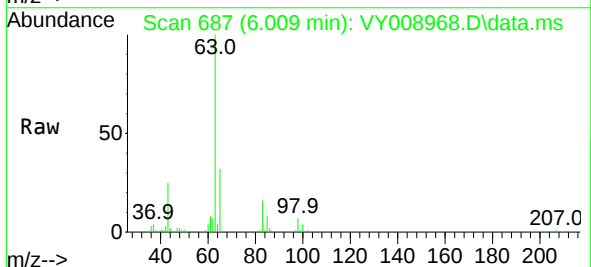
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS02

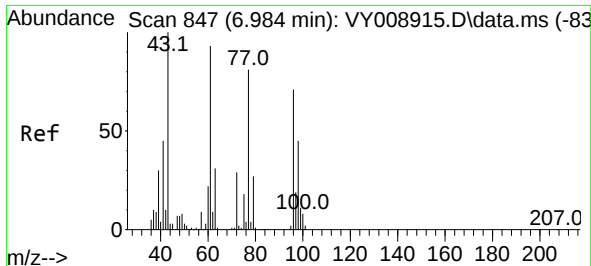
Tgt Ion: 43 Resp: 249106
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 22.695 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

Tgt Ion: 63 Resp: 44881
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.1 2.0 5.8

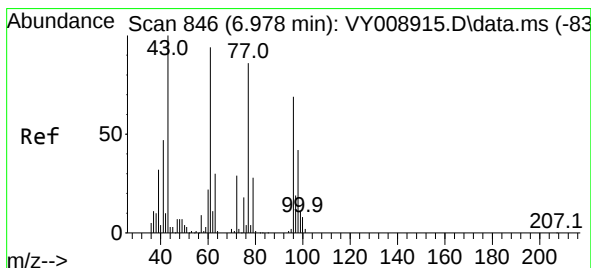
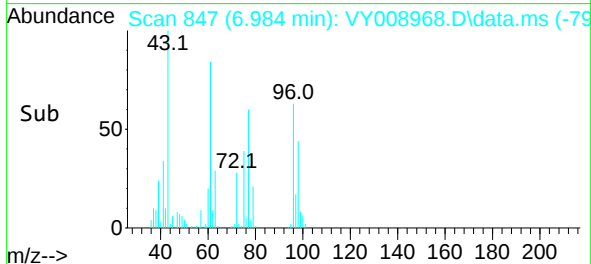
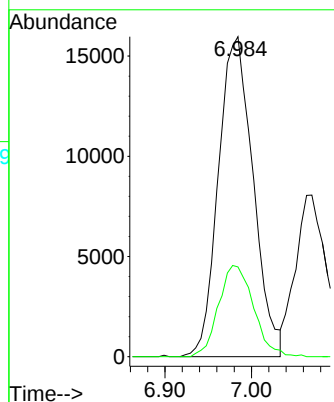
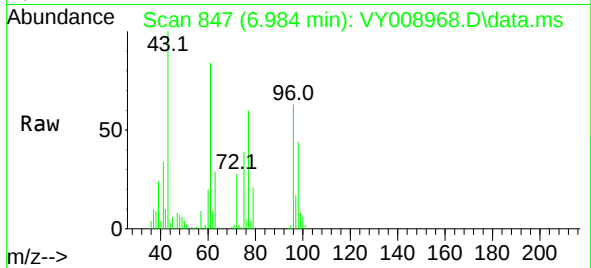




#25
2-Butanone
Concen: 120.014 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

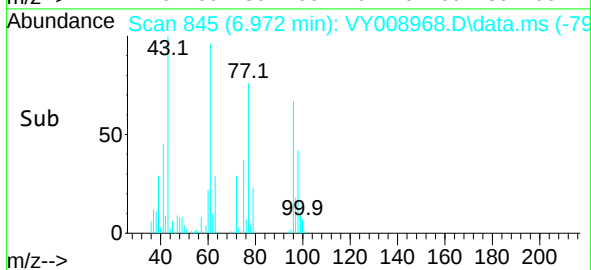
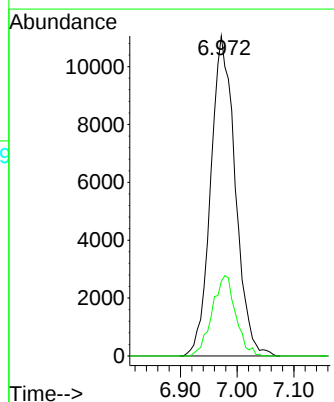
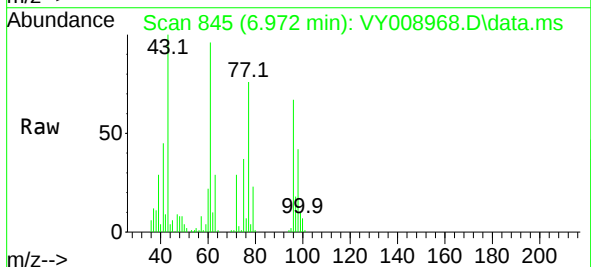
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

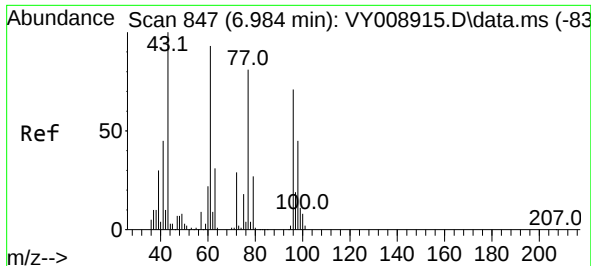
Tgt Ion: 43 Resp: 44586
Ion Ratio Lower Upper
43 100
72 28.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 18.230 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 77 Resp: 33209
Ion Ratio Lower Upper
77 100
97 24.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 21.747 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

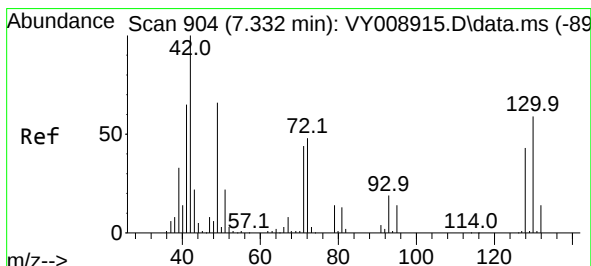
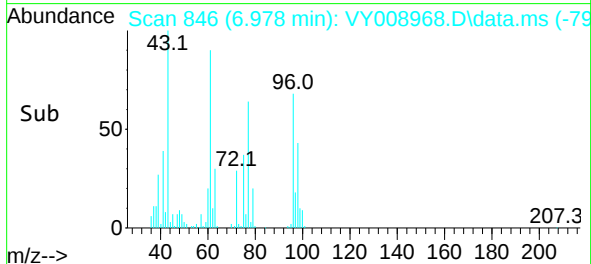
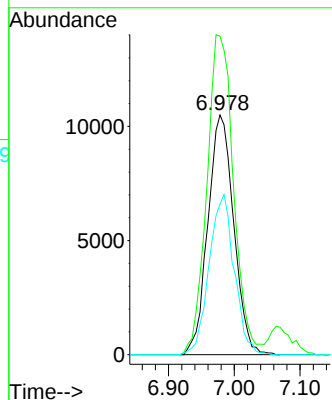
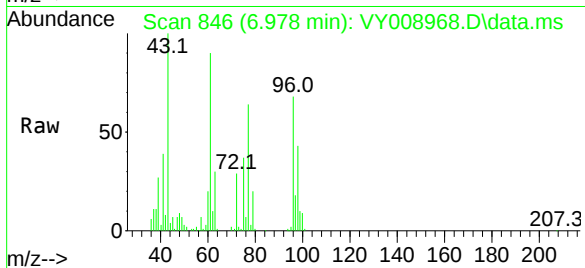
Tgt Ion: 96 Resp: 28734

Ion Ratio Lower Upper

96 100

61 138.2 0.0 319.8

98 64.9 0.0 127.0



#28

Bromochloromethane

Concen: 24.014 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

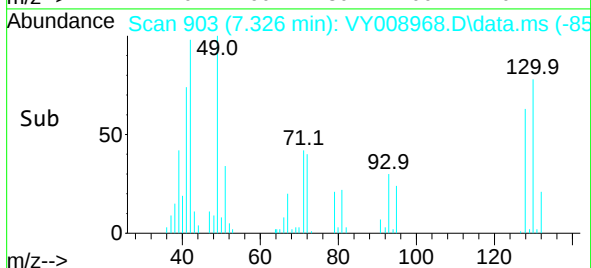
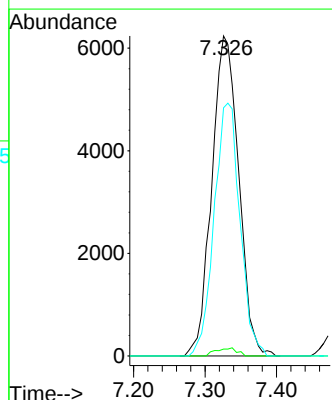
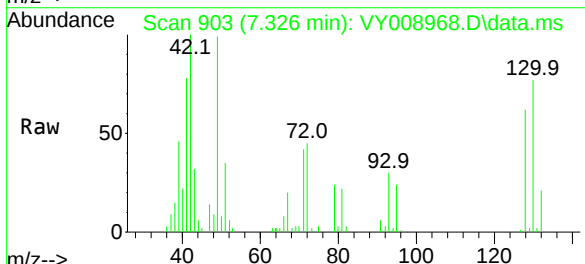
Tgt Ion: 49 Resp: 16300

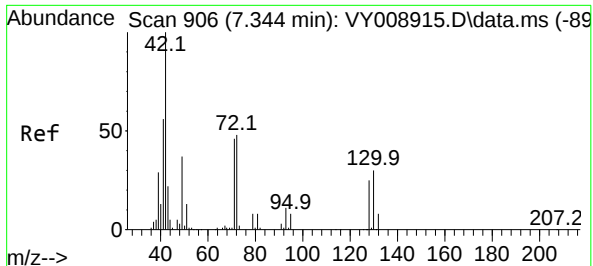
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 75.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 117.338 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

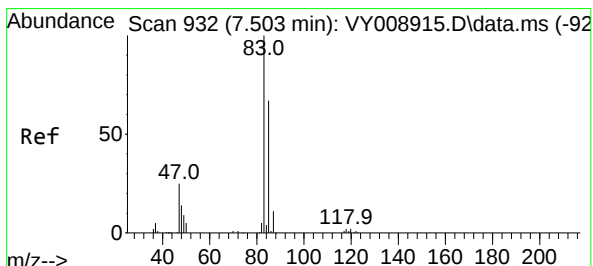
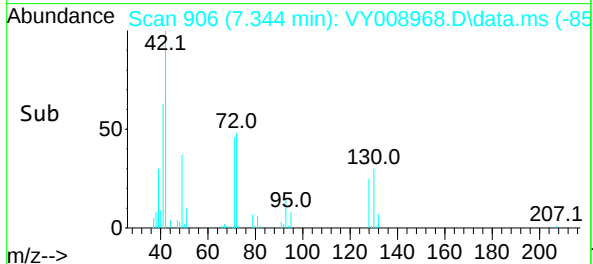
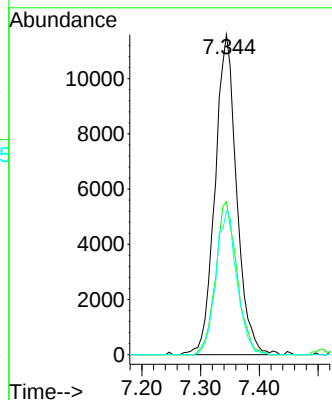
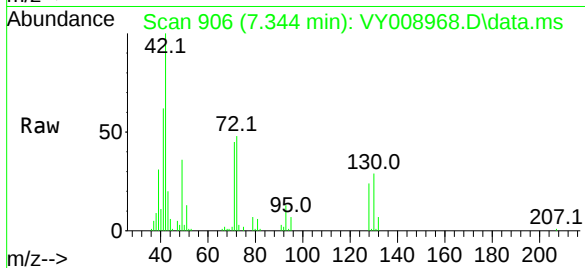
Tgt Ion: 42 Resp: 29611

Ion Ratio Lower Upper

42 100

72 47.2 30.3 45.5#

71 44.0 29.0 43.4#



#30

Chloroform

Concen: 22.325 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY008968.D

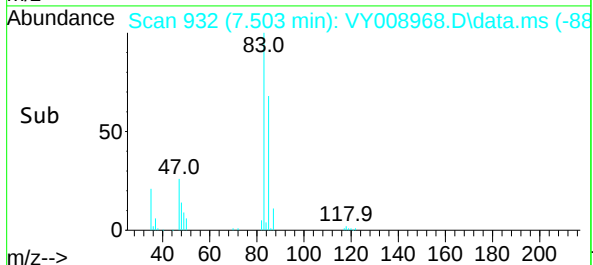
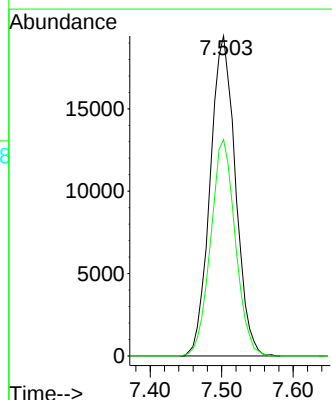
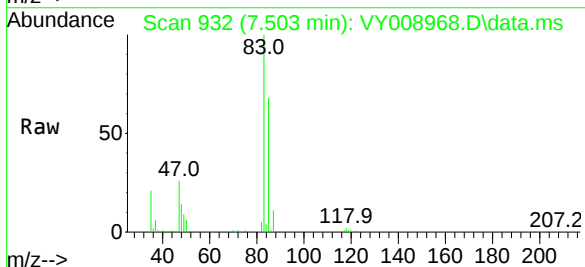
Acq: 21 May 2022 23:56

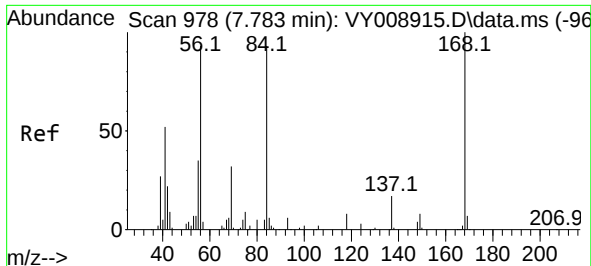
Tgt Ion: 83 Resp: 47657

Ion Ratio Lower Upper

83 100

85 67.6 51.8 77.6





#31

Cyclohexane

Concen: 20.700 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

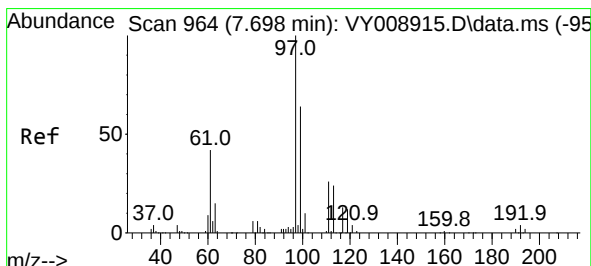
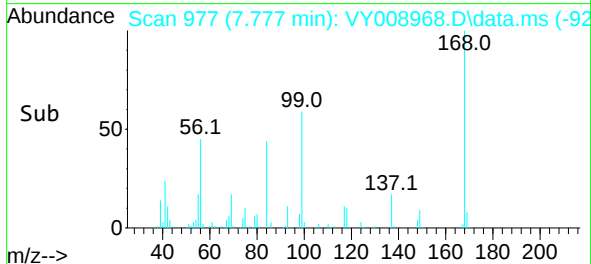
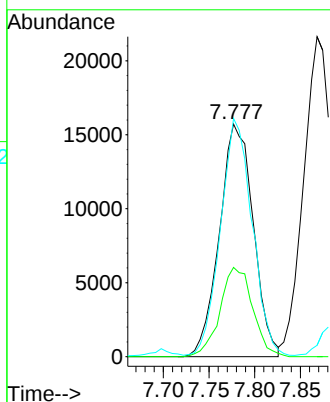
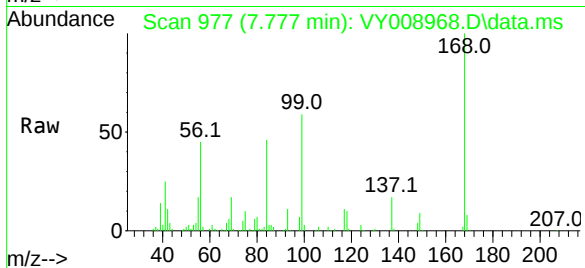
Tgt Ion: 56 Resp: 40465

Ion Ratio Lower Upper

56 100

69 38.4 26.7 40.1

84 101.3 67.2 100.8#



#32

1,1,1-Trichloroethane

Concen: 21.812 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

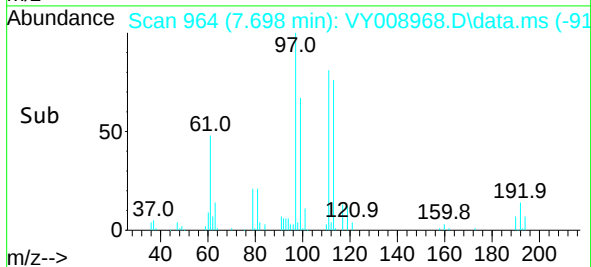
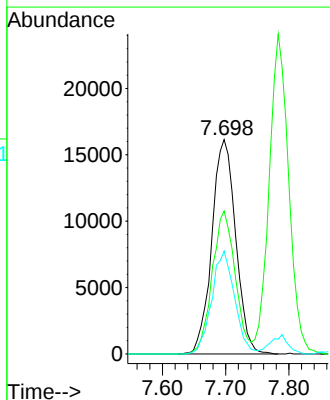
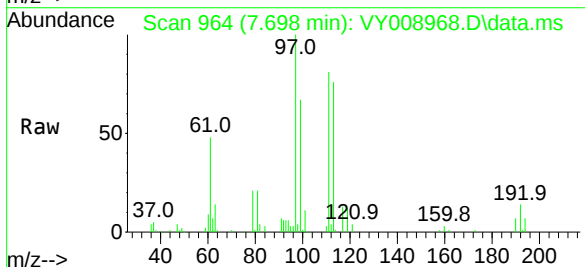
Tgt Ion: 97 Resp: 42244

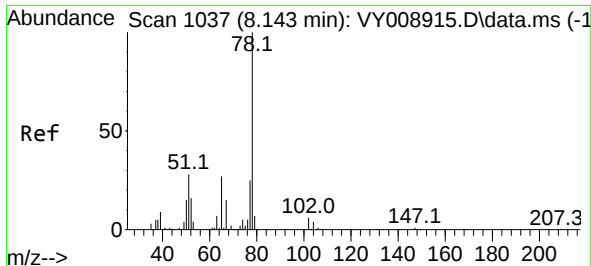
Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 46.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.942 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

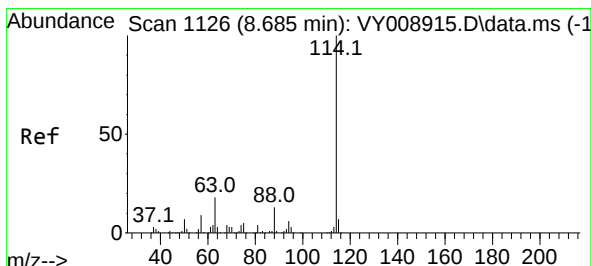
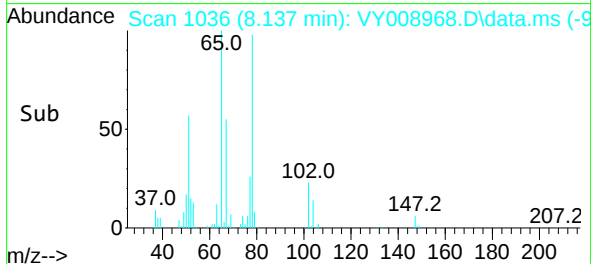
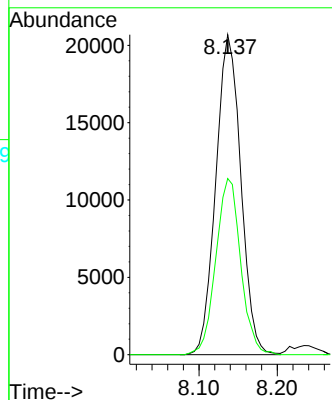
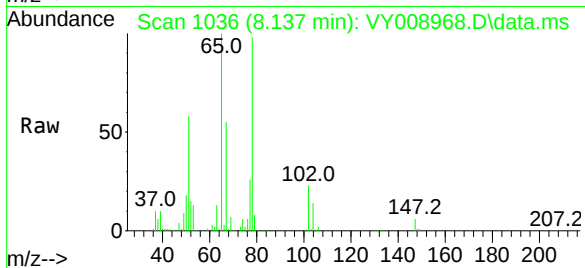
VY0521SBS02

Tgt Ion: 65 Resp: 45907

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

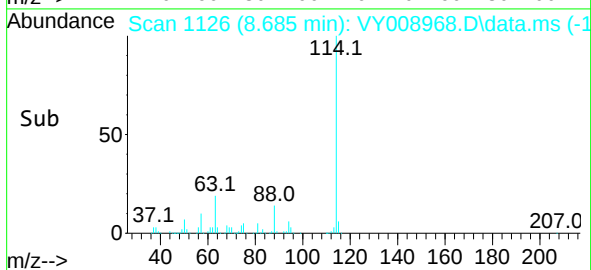
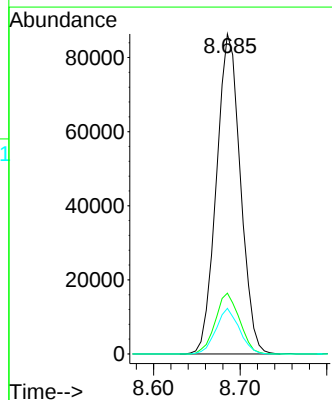
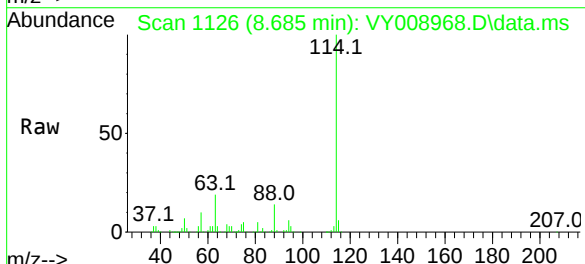
Tgt Ion: 114 Resp: 166266

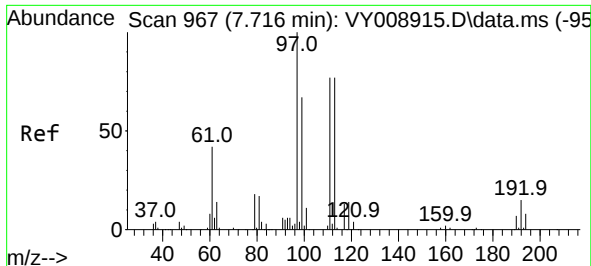
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.3 0.0 31.8

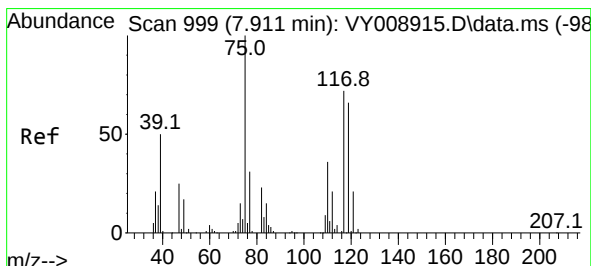
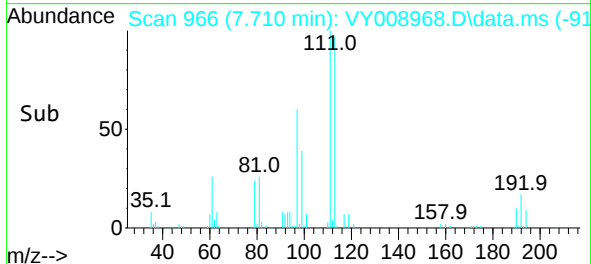
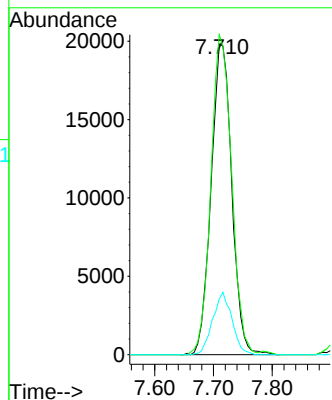
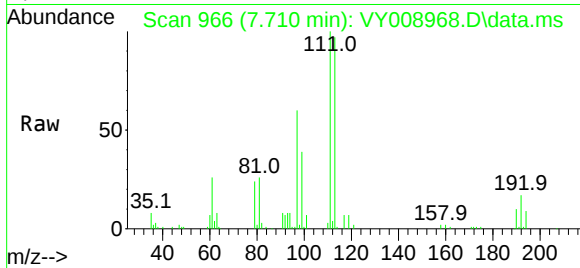




#35
Dibromofluoromethane
Concen: 46.795 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

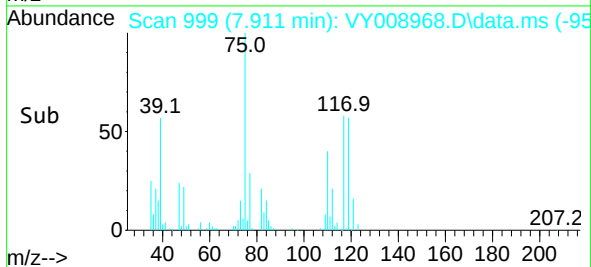
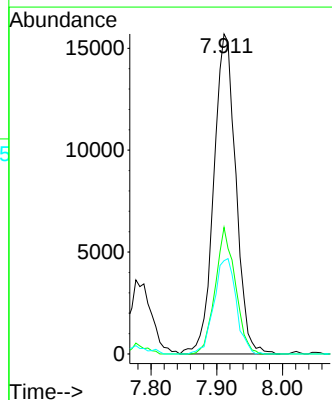
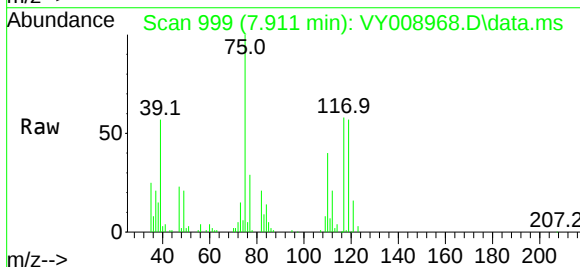
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

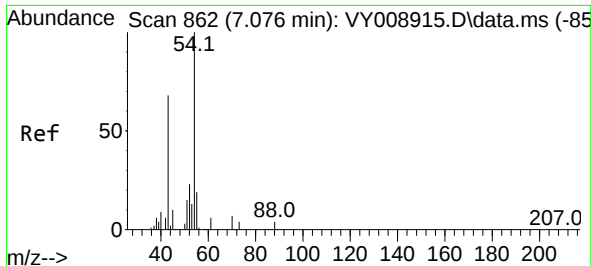
Tgt Ion:113 Resp: 48382
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.835 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 75 Resp: 36659
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 30.0 24.4 36.6

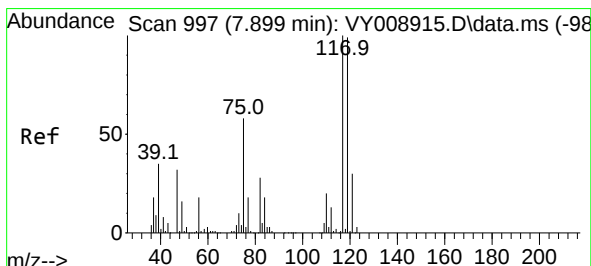
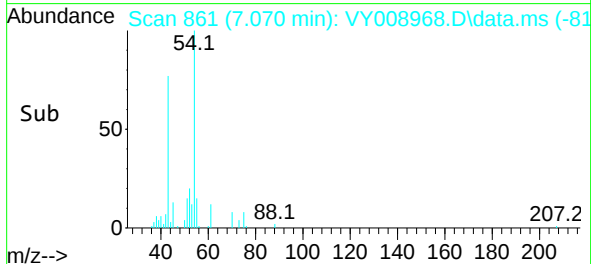
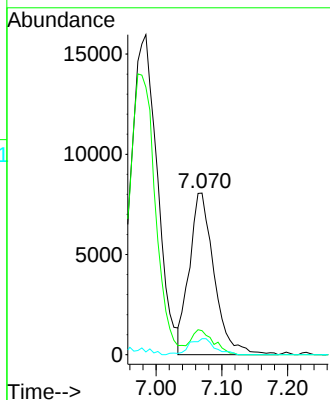
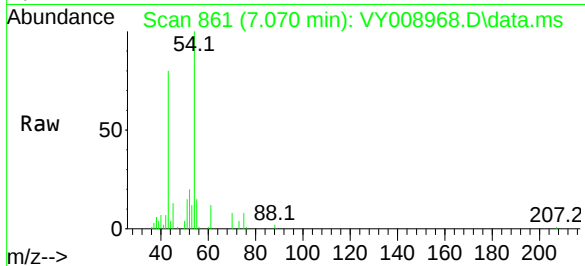




#37
Ethyl Acetate
Concen: 23.153 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

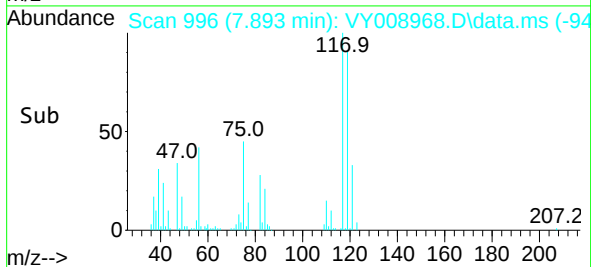
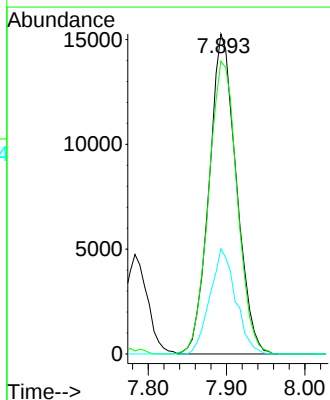
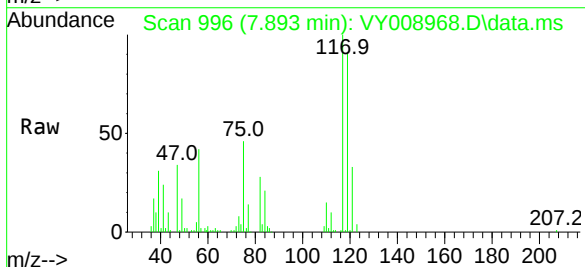
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

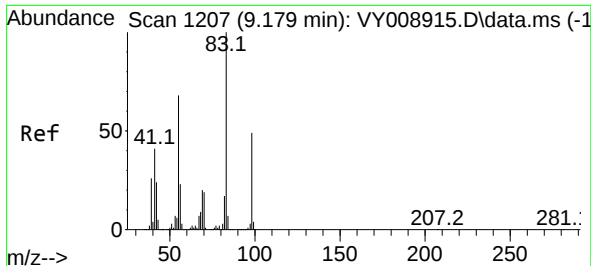
Tgt Ion: 43 Resp: 21132
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.032 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 117 Resp: 36872
Ion Ratio Lower Upper
117 100
119 91.5 77.9 116.9
121 32.9 24.8 37.2





#39

Methylcyclohexane

Concen: 19.897 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

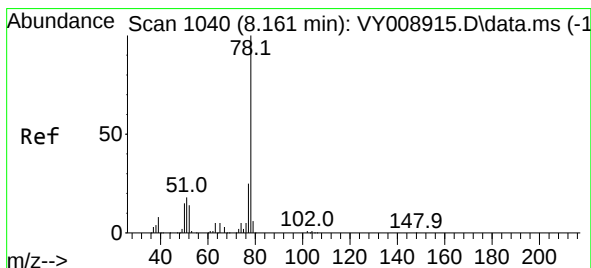
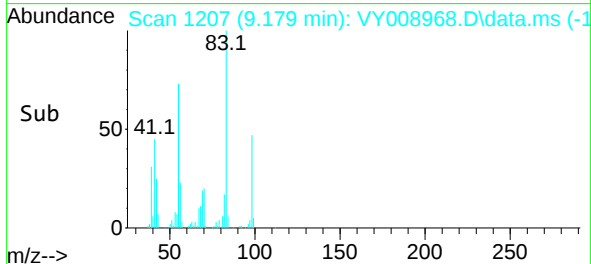
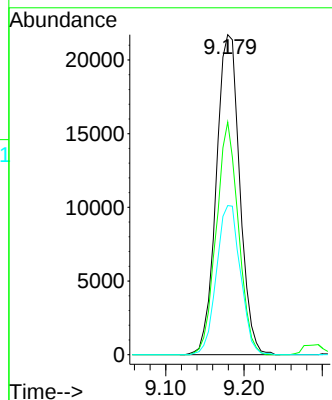
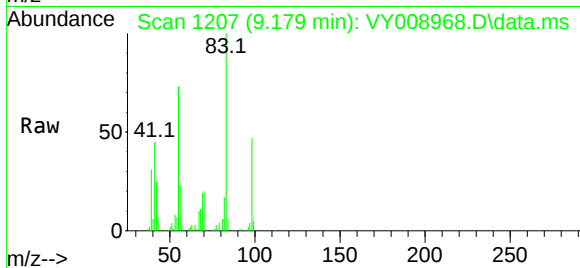
Tgt Ion: 83 Resp: 45188

Ion Ratio Lower Upper

83 100

55 72.7 66.5 99.7

98 46.6 37.9 56.9



#40

Benzene

Concen: 21.255 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008968.D

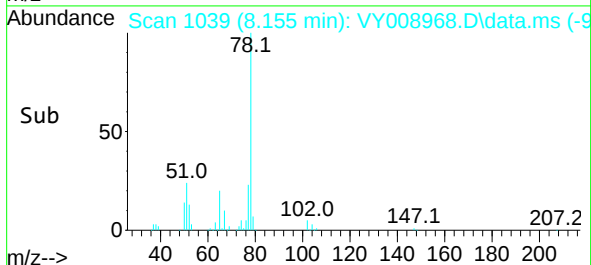
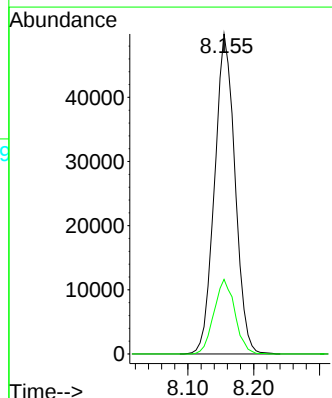
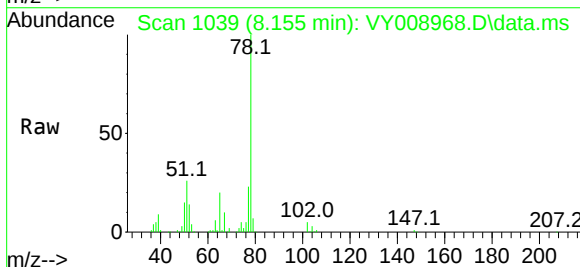
Acq: 21 May 2022 23:56

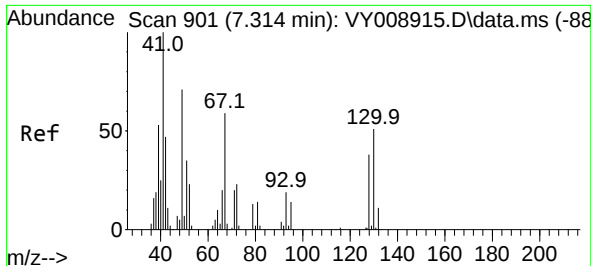
Tgt Ion: 78 Resp: 107841

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

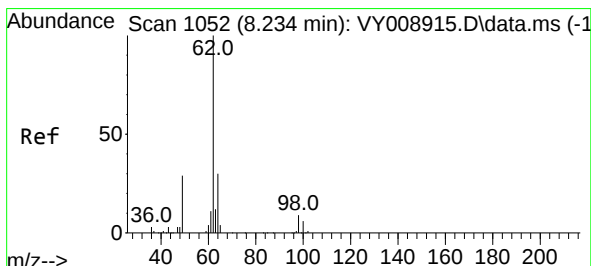
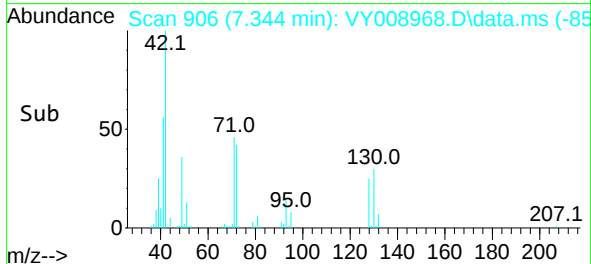
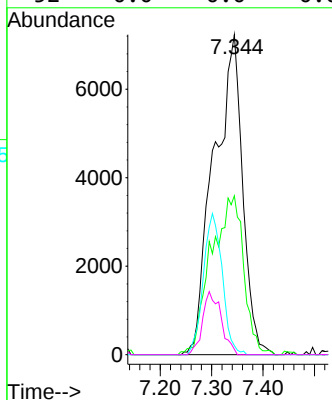
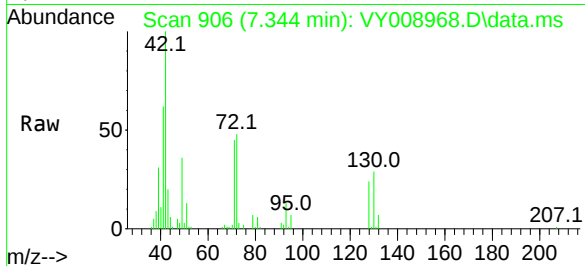




#41
Methacrylonitrile
Concen: 59.722 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

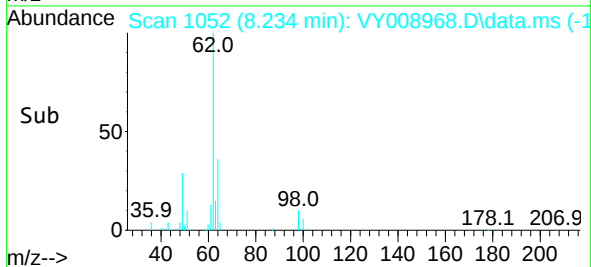
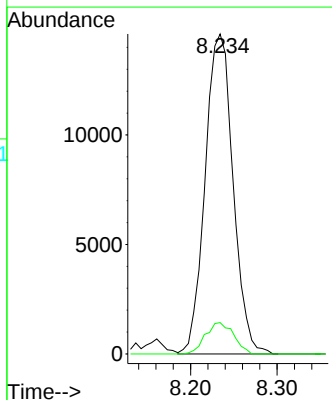
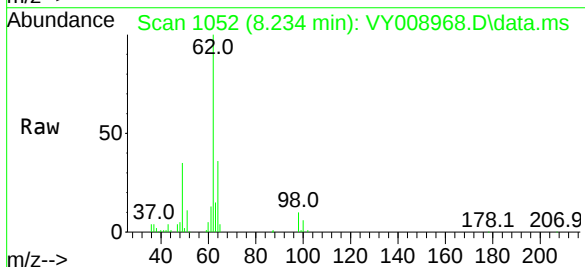
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

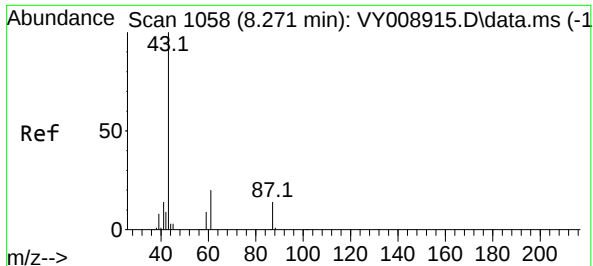
Tgt Ion: 41 Resp: 28128
Ion Ratio Lower Upper
41 100
39 56.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.967 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 62 Resp: 32728
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

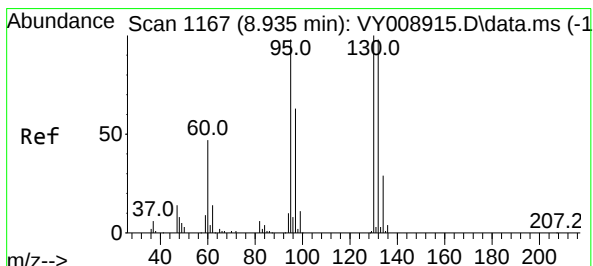
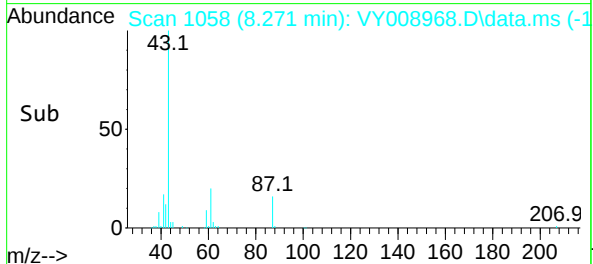
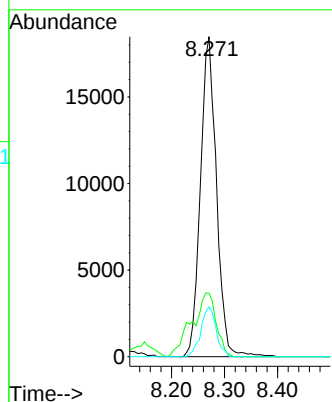
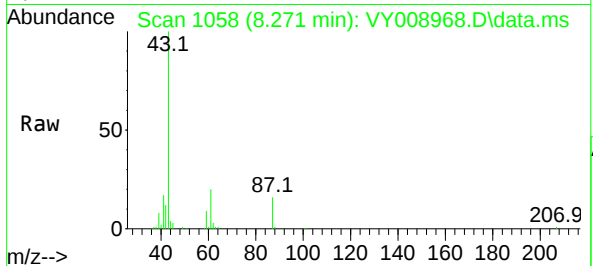




#43
Isopropyl Acetate
Concen: 22.883 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

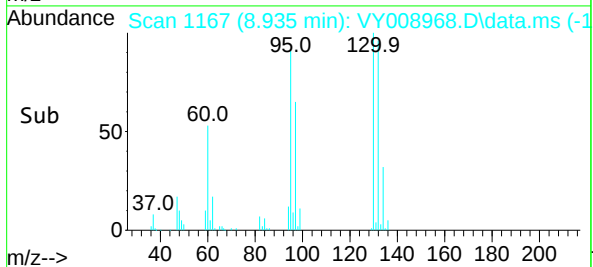
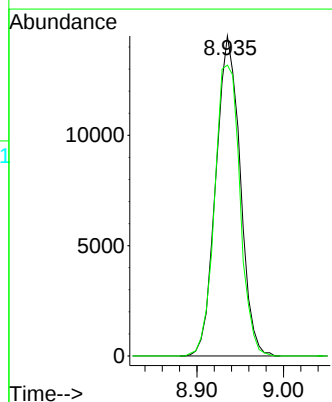
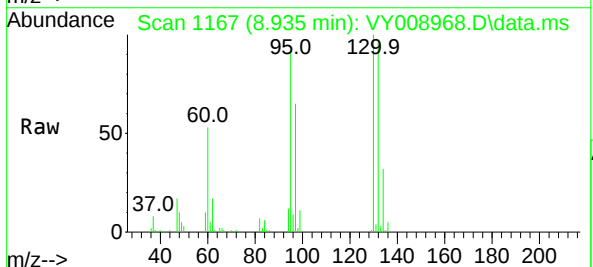
Instrument : MSVOA_Y
ClientSampleId : VY0521SBS02

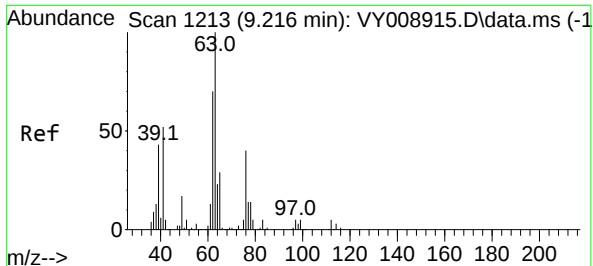
Tgt Ion: 43 Resp: 38835
Ion Ratio Lower Upper
43 100
61 30.1 20.2 30.2
87 14.8 8.9 13.3#



#44
Trichloroethene
Concen: 21.072 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion:130 Resp: 28309
Ion Ratio Lower Upper
130 100
95 90.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 22.182 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

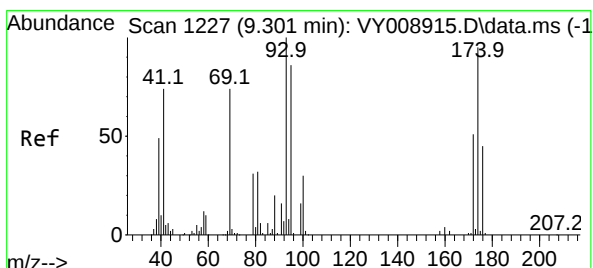
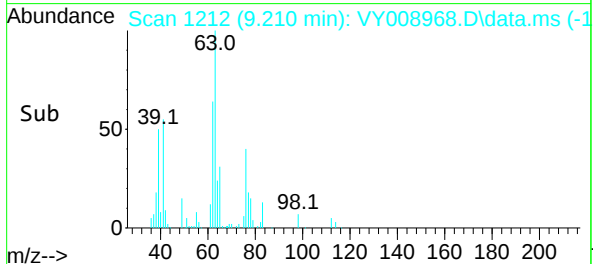
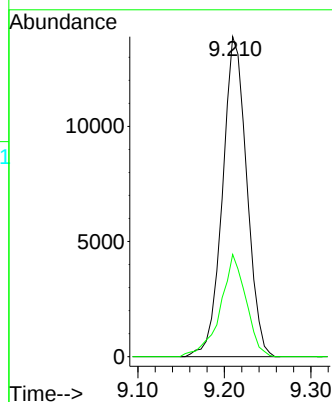
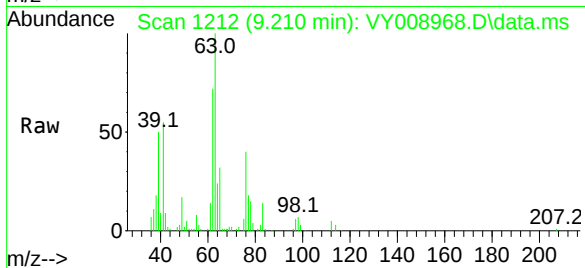
VY0521SBS02

Tgt Ion: 63 Resp: 27024

Ion Ratio Lower Upper

63 100

65 32.0 23.0 34.6



#46

Dibromomethane

Concen: 22.181 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

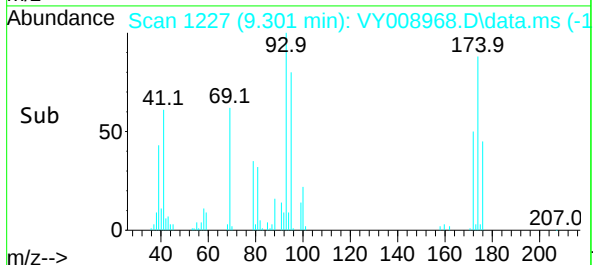
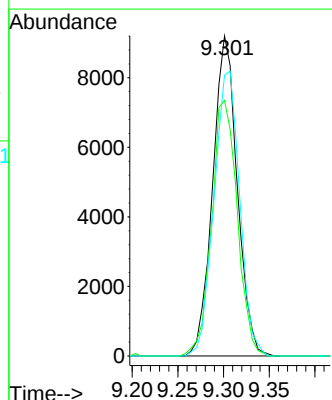
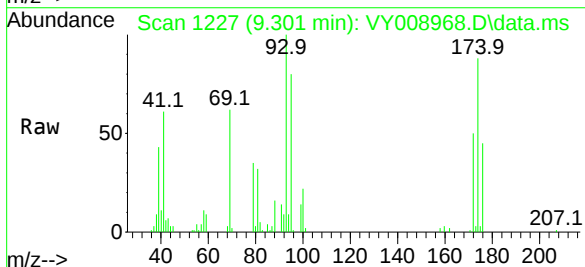
Tgt Ion: 93 Resp: 17183

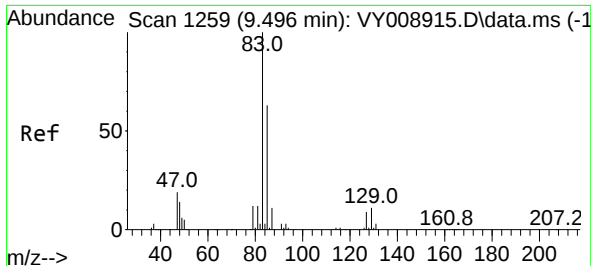
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

174 93.1 83.4 125.0

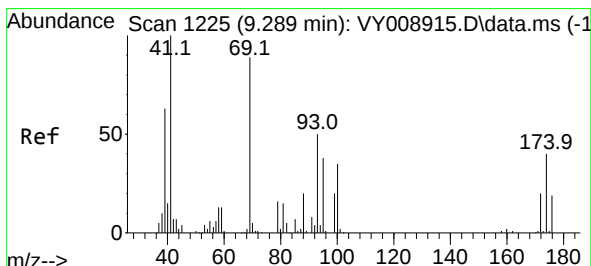
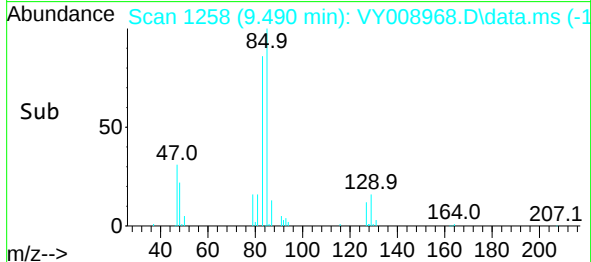
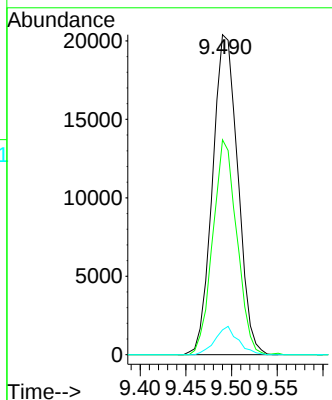
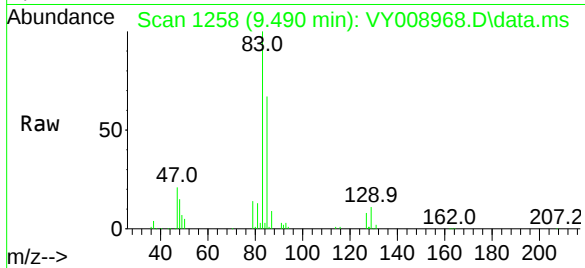




#47
Bromodichloromethane
Concen: 22.188 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

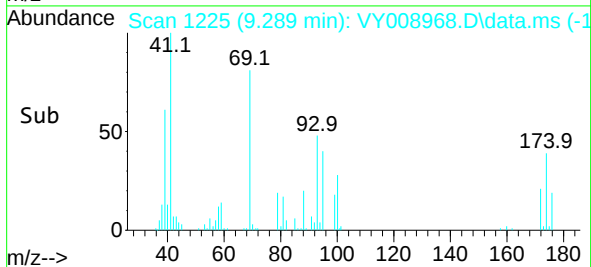
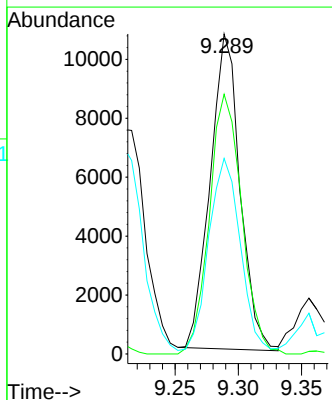
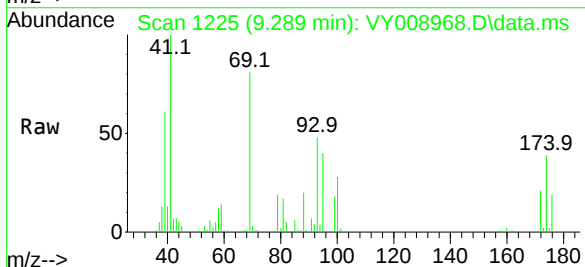
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

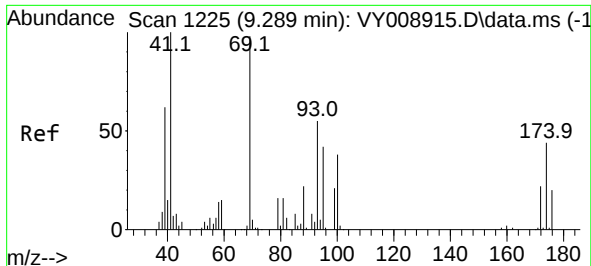
Tgt Ion: 83 Resp: 39281
Ion Ratio Lower Upper
83 100
85 67.1 51.9 77.9
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 23.156 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 41 Resp: 17548
Ion Ratio Lower Upper
41 100
69 89.3 58.2 87.2#
39 64.3 47.4 71.0





#49

1,4-Dioxane

Concen: 458.987 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

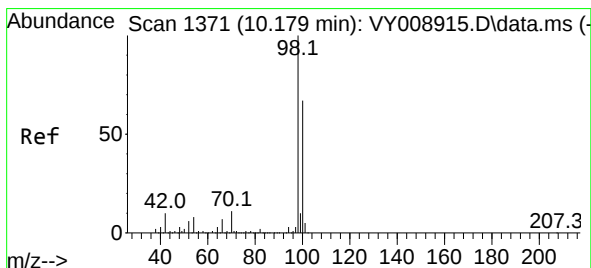
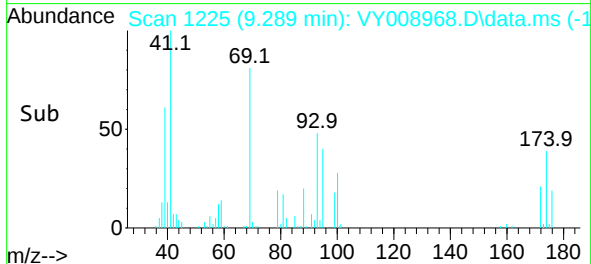
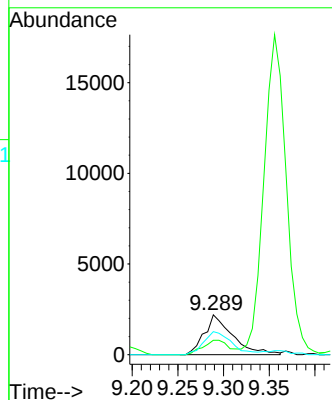
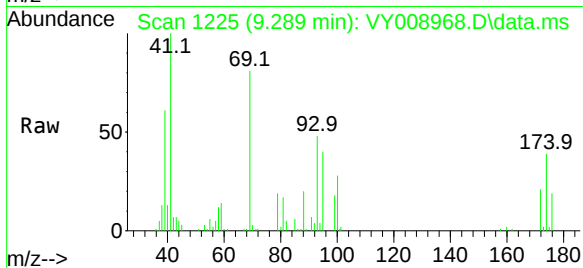
Tgt Ion: 88 Resp: 4753

Ion Ratio Lower Upper

88 100

43 35.0 32.8 49.2

58 56.6 59.8 89.6#



#50

Toluene-d8

Concen: 40.280 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008968.D

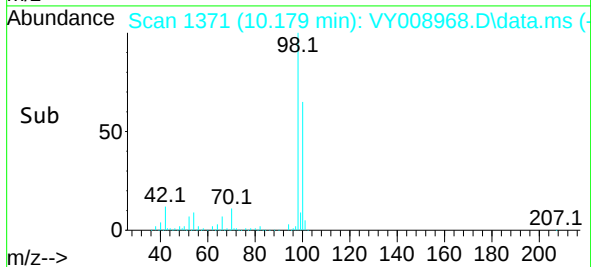
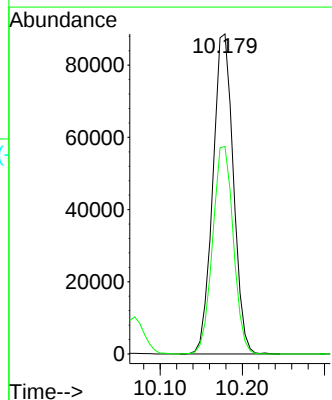
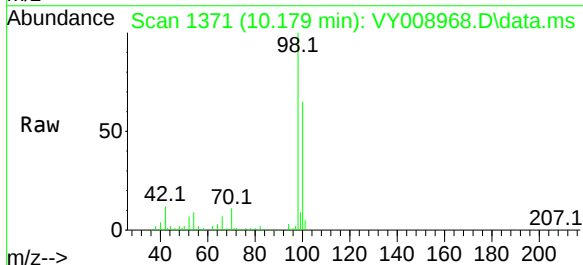
Acq: 21 May 2022 23:56

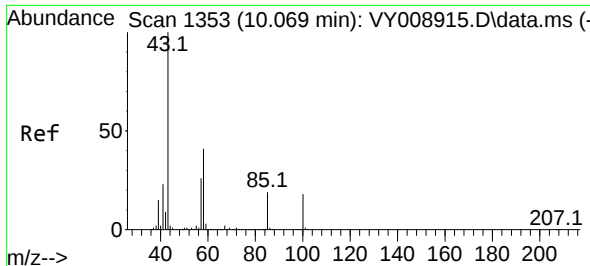
Tgt Ion: 98 Resp: 153639

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

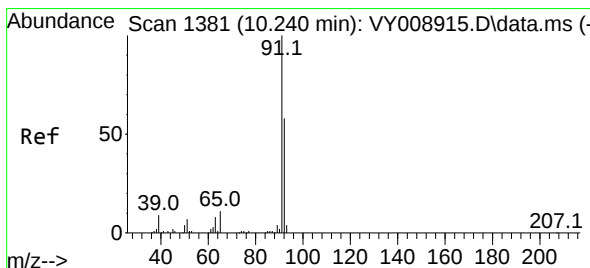
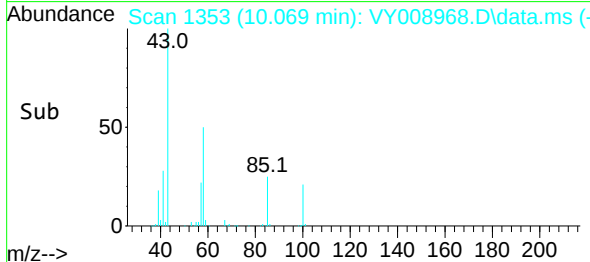
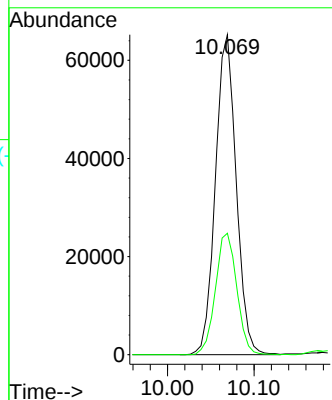
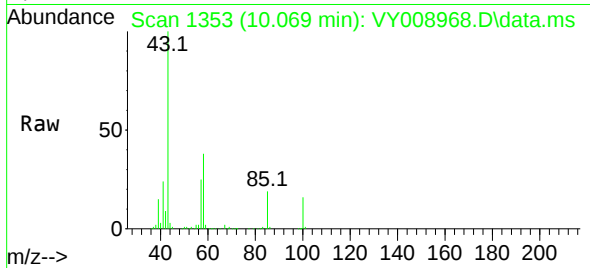




#51
4-Methyl-2-Pentanone
Concen: 115.807 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

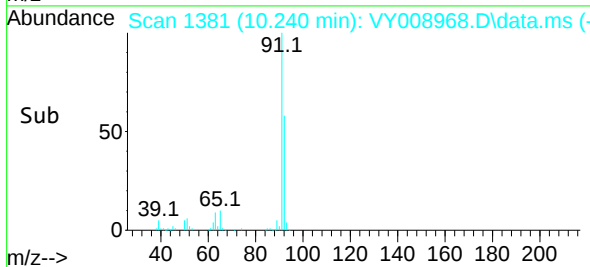
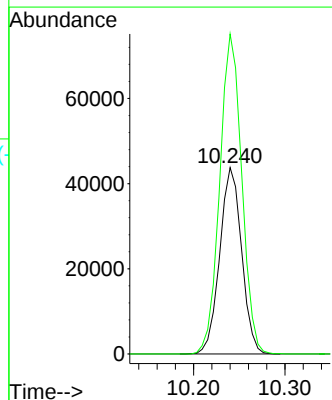
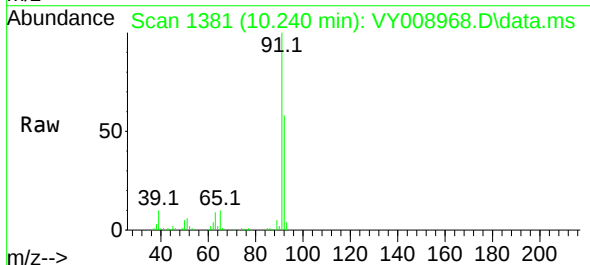
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

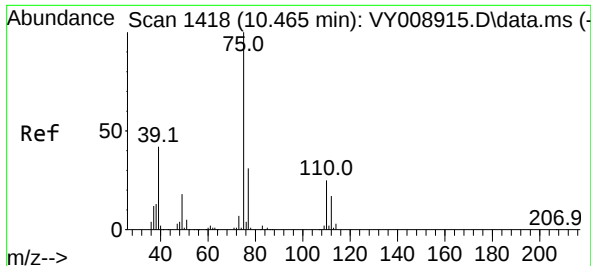
Tgt Ion: 43 Resp: 108770
Ion Ratio Lower Upper
43 100
58 39.0 28.1 42.1



#52
Toluene
Concen: 20.535 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 92 Resp: 72811
Ion Ratio Lower Upper
92 100
91 172.9 142.6 213.8

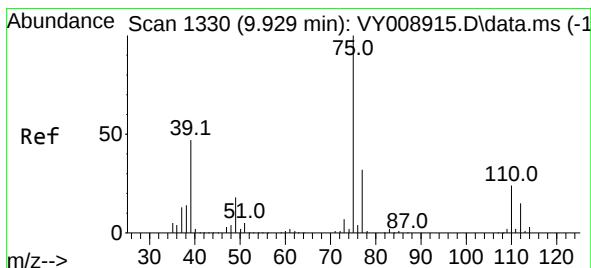
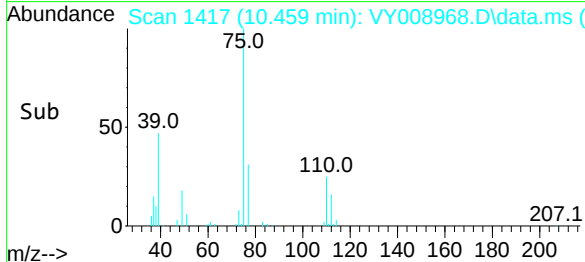
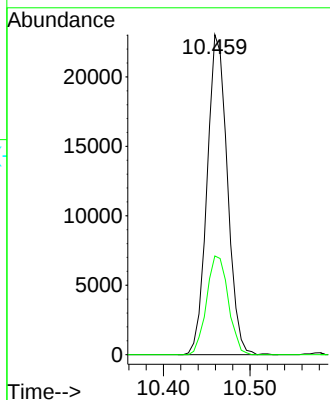
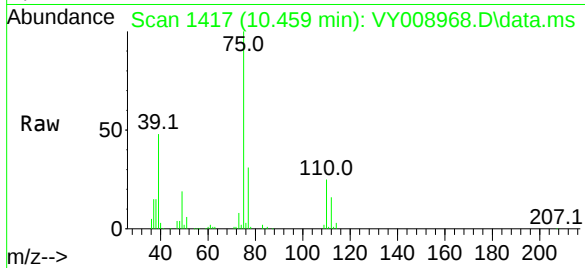




#53
 t-1,3-Dichloropropene
 Concen: 19.911 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

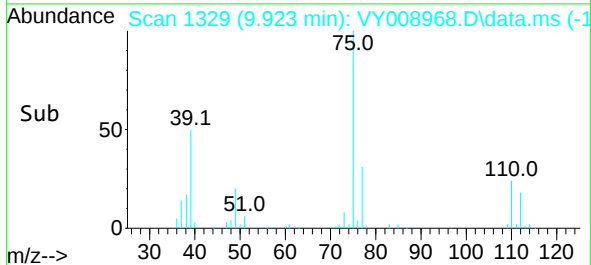
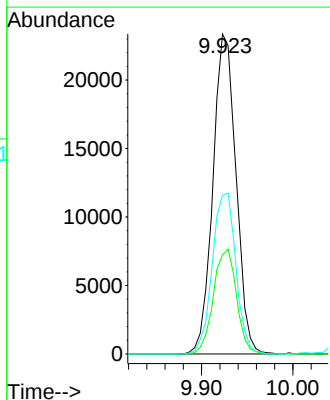
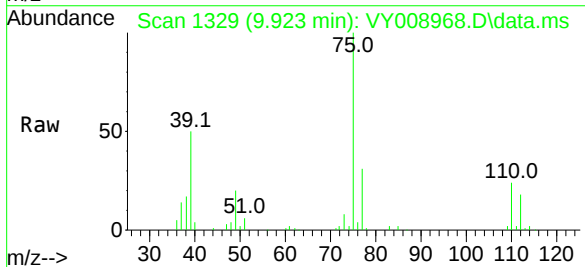
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS02

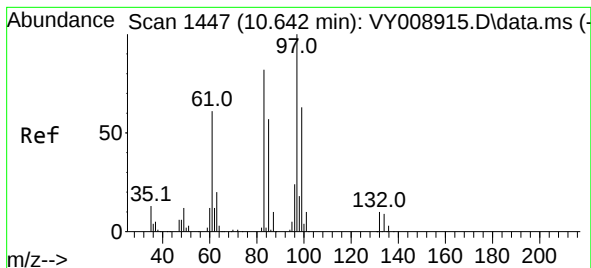
Tgt Ion: 75 Resp: 37434
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.319 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

Tgt Ion: 75 Resp: 41066
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 49.7 47.6 71.4

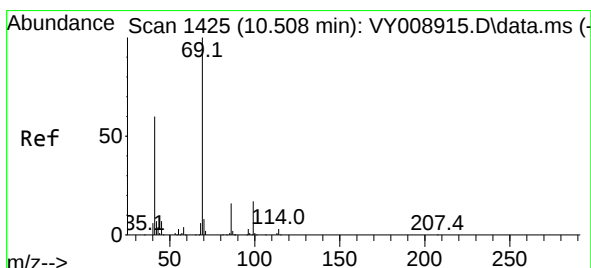
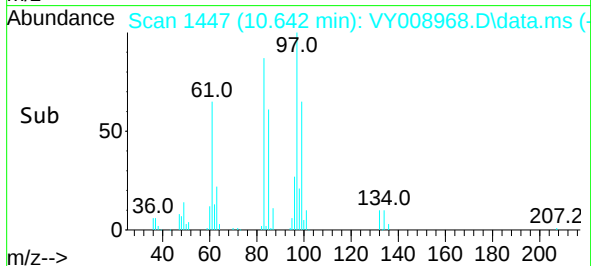
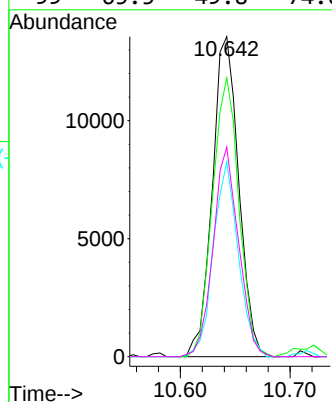
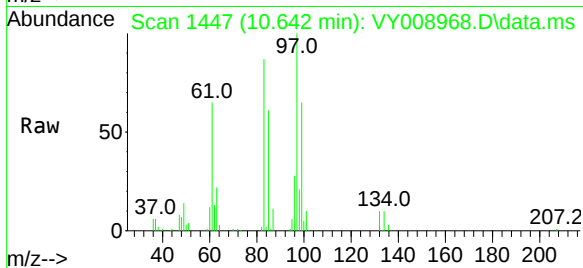




#55
 1,1,2-Trichloroethane
 Concen: 20.972 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

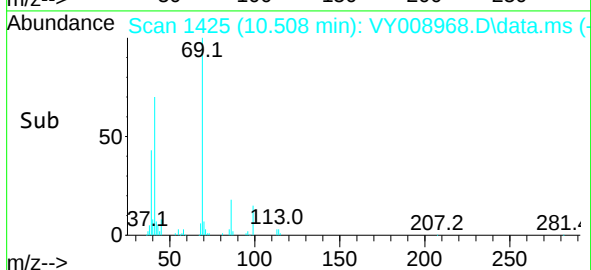
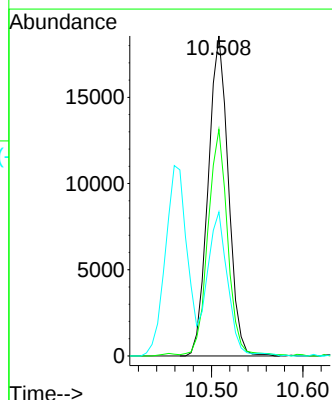
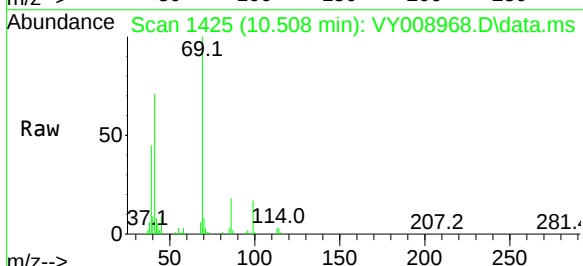
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS02

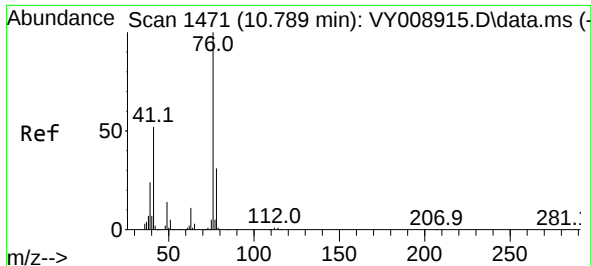
Tgt Ion:	97	Resp:	22729
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.8	104.8
85	60.9	44.3	66.5
99	65.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.478 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

Tgt Ion:	69	Resp:	28374
Ion	Ratio	Lower	Upper
69	100		
41	69.5	63.4	95.0
39	45.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 22.279 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

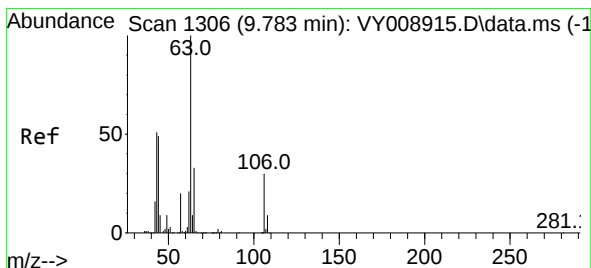
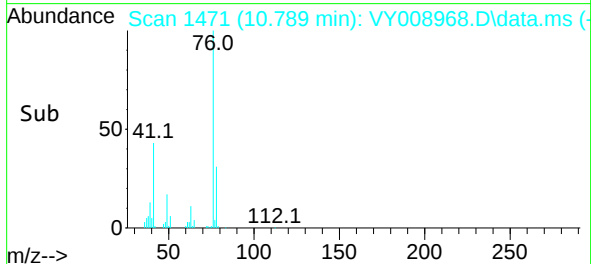
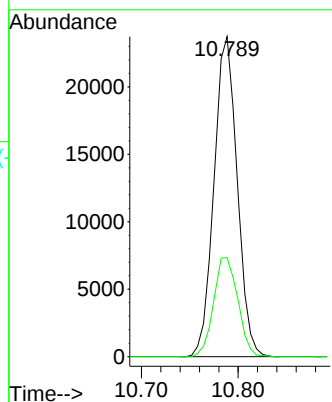
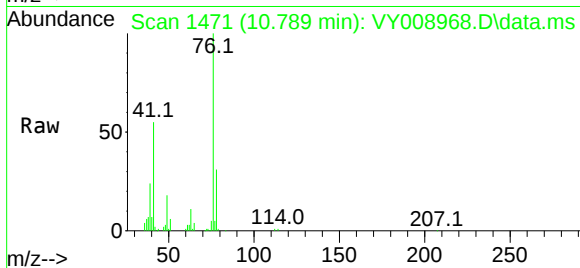
VY0521SBS02

Tgt Ion: 76 Resp: 39388

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.786 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008968.D

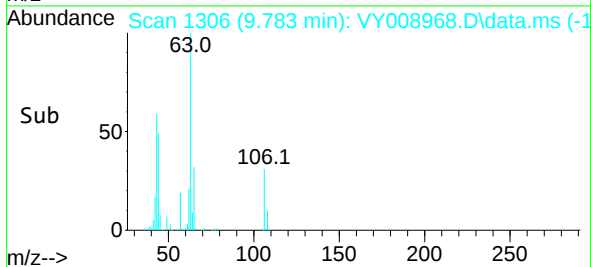
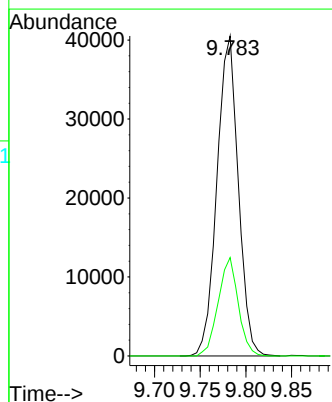
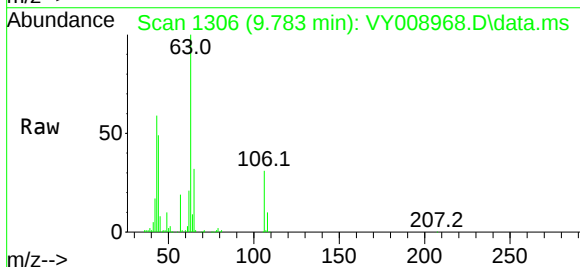
Acq: 21 May 2022 23:56

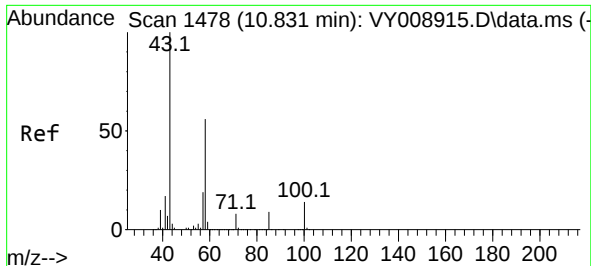
Tgt Ion: 63 Resp: 65812

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

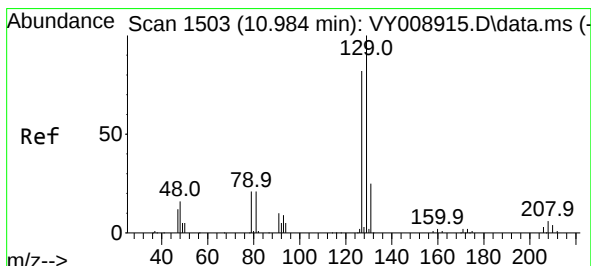
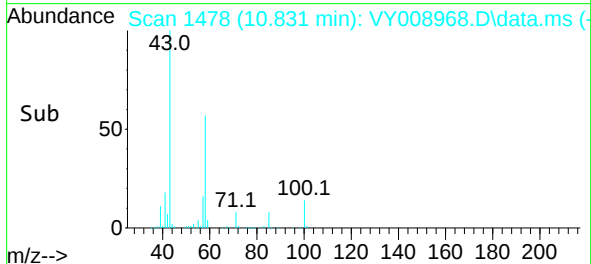
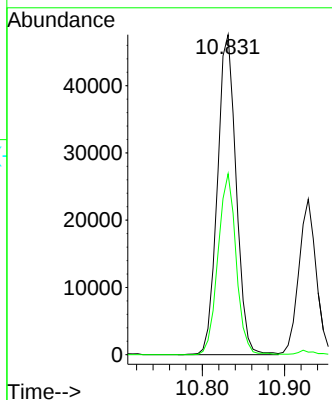
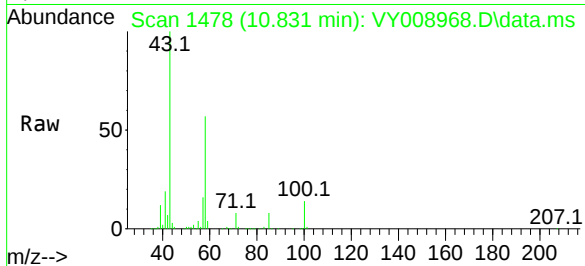




#59
2-Hexanone
Concen: 117.072 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

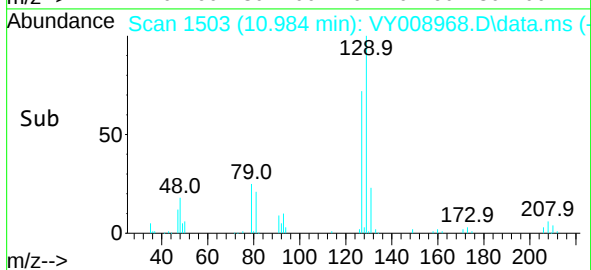
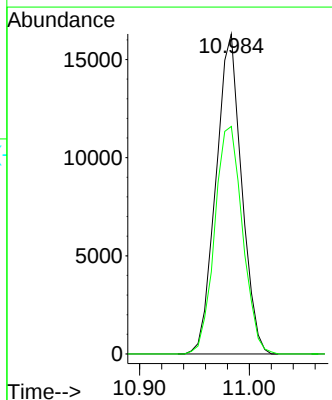
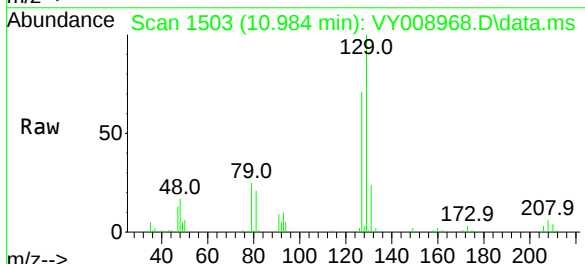
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

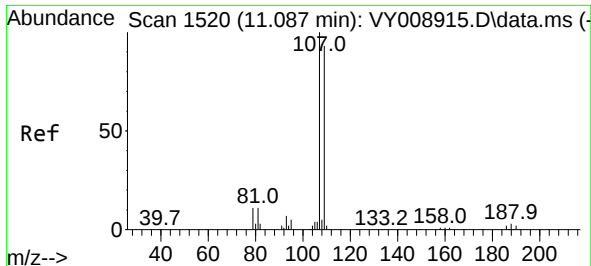
Tgt Ion: 43 Resp: 75285
Ion Ratio Lower Upper
43 100
58 54.9 24.4 73.4



#60
Dibromochloromethane
Concen: 20.201 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 129 Resp: 26539
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

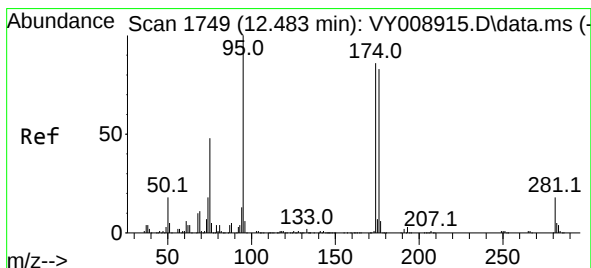
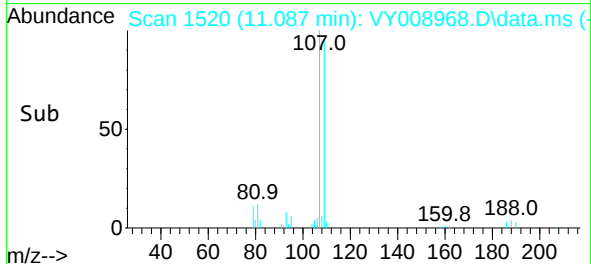
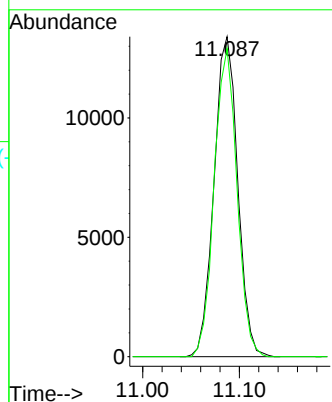
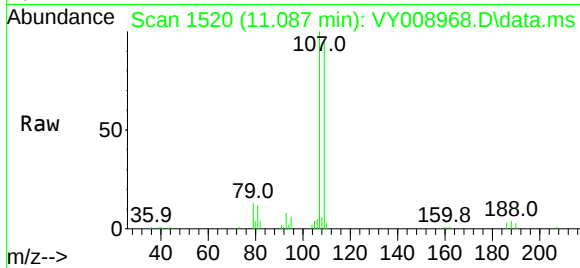




#61
1,2-Dibromoethane
Concen: 21.217 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

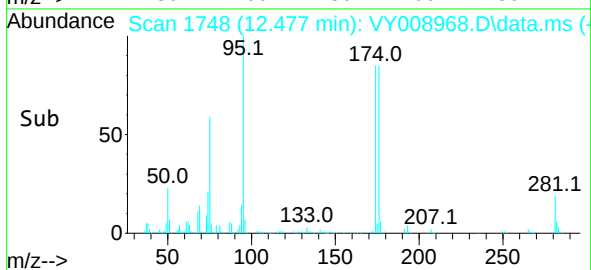
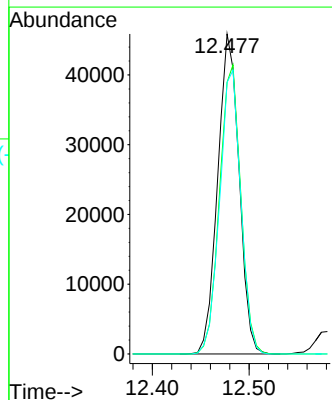
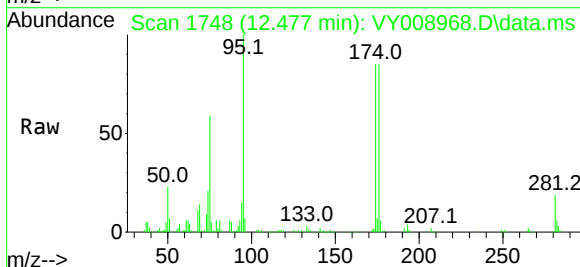
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

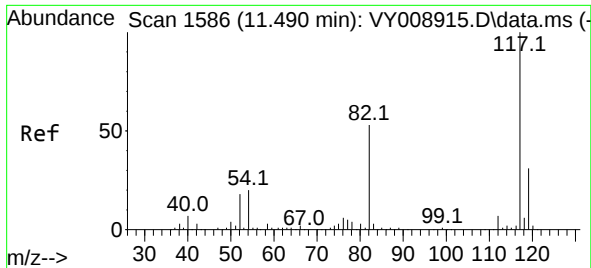
Tgt Ion:107 Resp: 22786
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 95 Resp: 70226
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 87.9 0.0 175.8

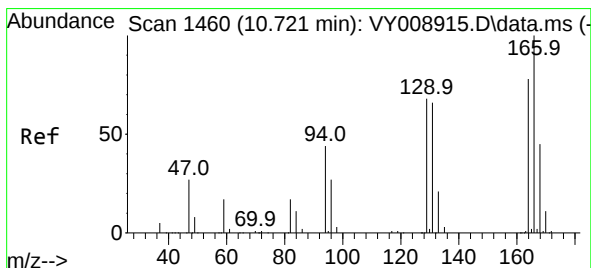
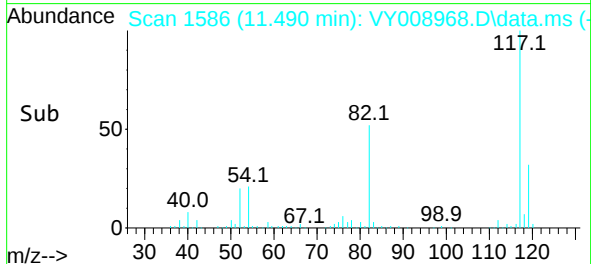
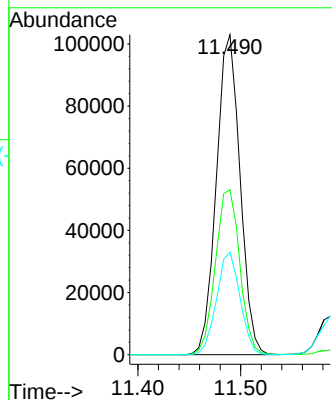
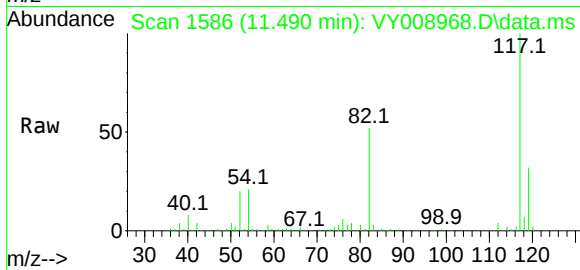




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

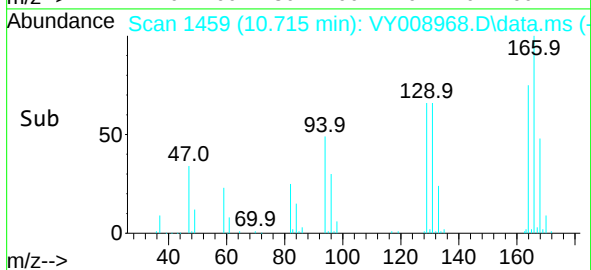
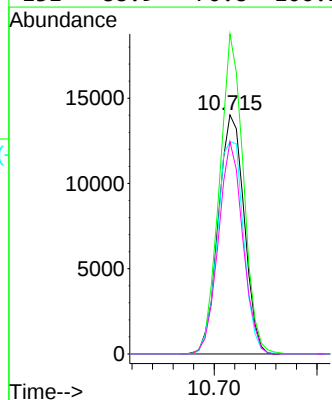
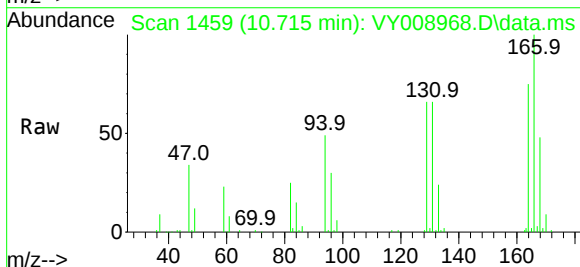
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

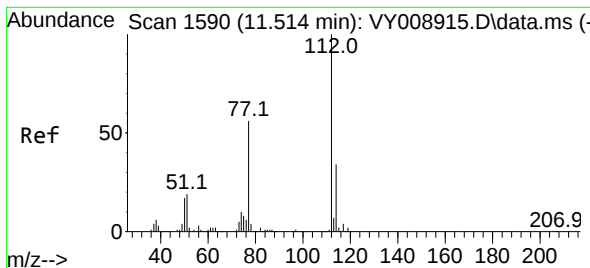
Tgt Ion:117 Resp: 164927
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 20.367 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion:164 Resp: 24449
Ion Ratio Lower Upper
164 100
166 133.9 100.4 150.6
129 88.8 71.4 107.0
131 88.9 70.8 106.2

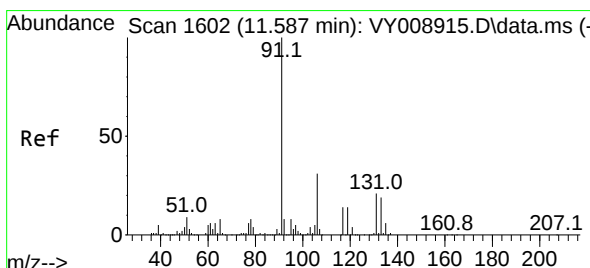
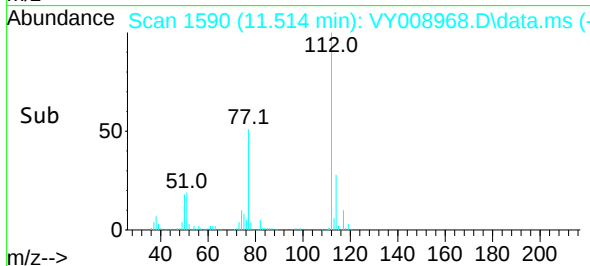
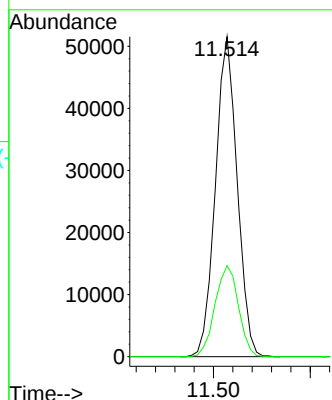
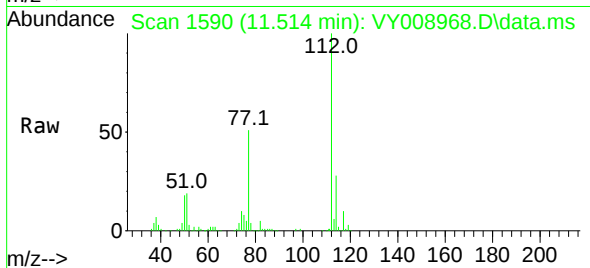




#65
Chlorobenzene
Concen: 21.201 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

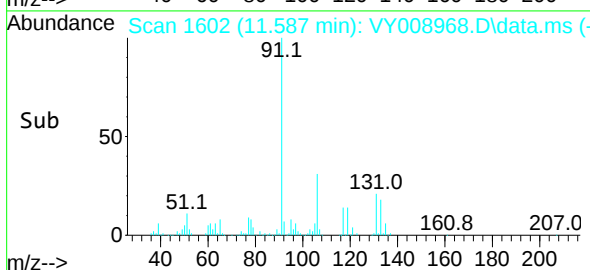
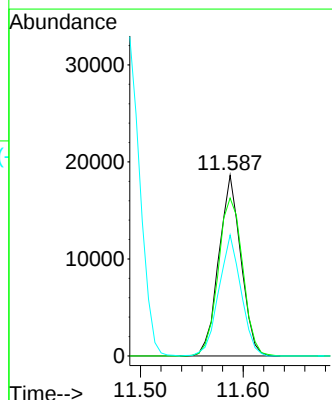
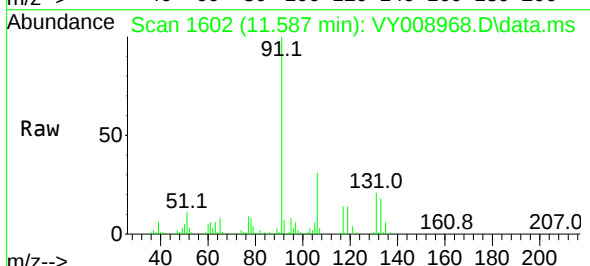
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

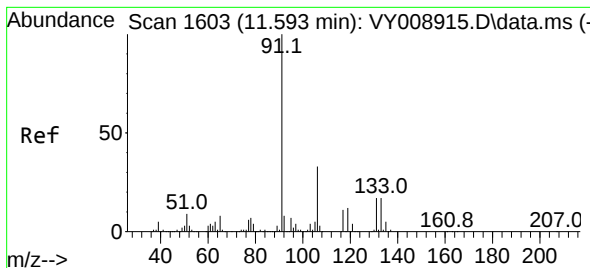
Tgt Ion:112 Resp: 80254
Ion Ratio Lower Upper
112 100
114 28.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.003 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion:131 Resp: 27726
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 67.5 30.8 92.3





#67

Ethyl Benzene

Concen: 20.140 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

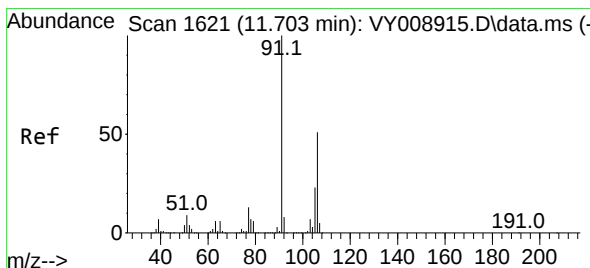
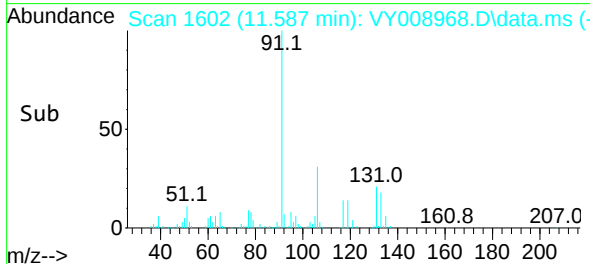
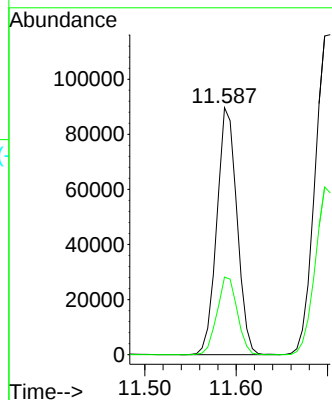
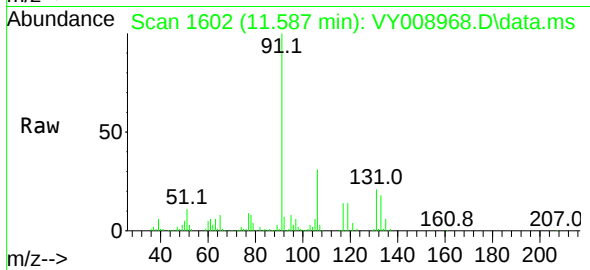
VY0521SBS02

Tgt Ion: 91 Resp: 137391

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 40.084 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY008968.D

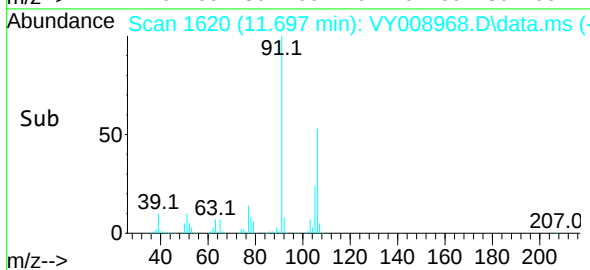
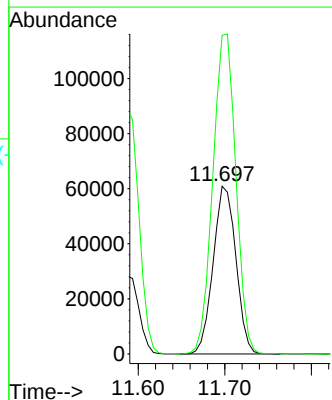
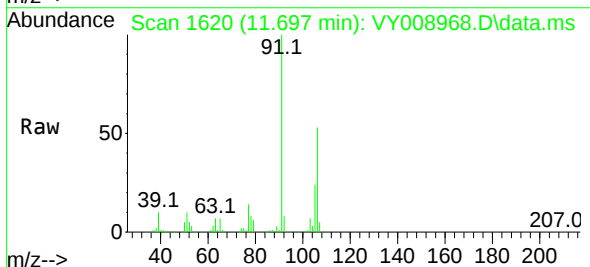
Acq: 21 May 2022 23:56

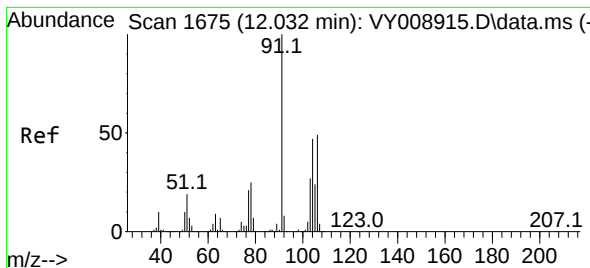
Tgt Ion:106 Resp: 111008

Ion Ratio Lower Upper

106 100

91 193.4 166.6 249.8





#69

o-Xylene

Concen: 20.088 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

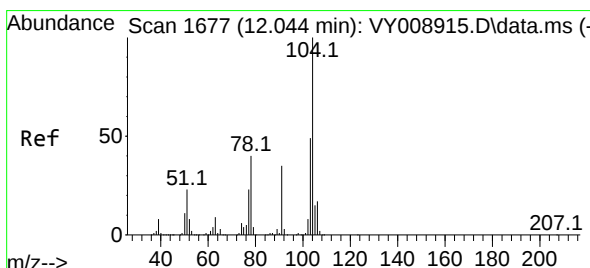
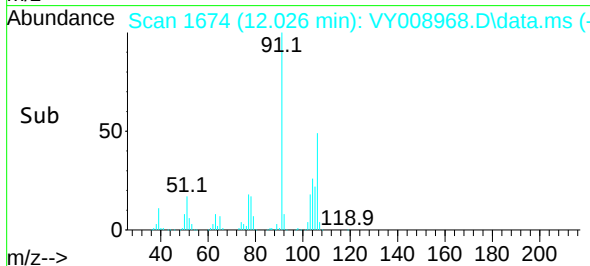
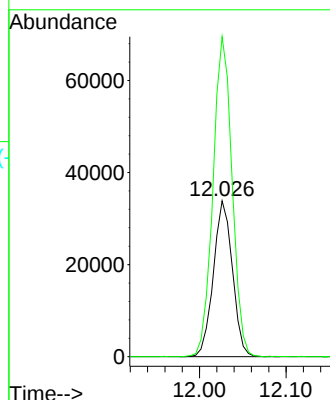
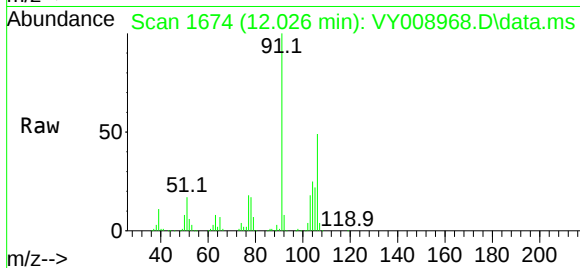
VY0521SBS02

Tgt Ion:106 Resp: 51661

Ion Ratio Lower Upper

106 100

91 206.2 110.3 331.0



#70

Styrene

Concen: 19.618 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

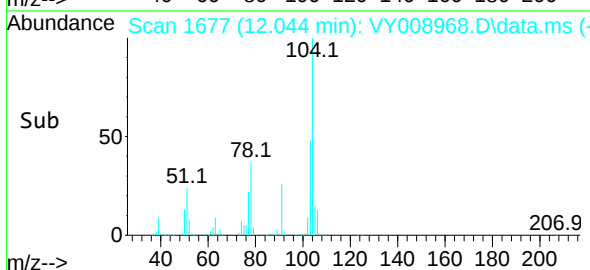
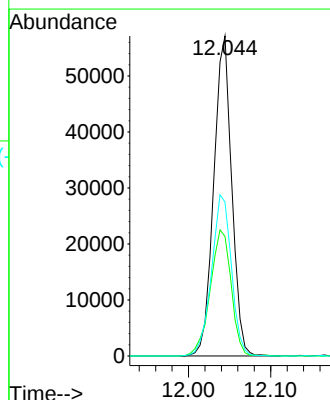
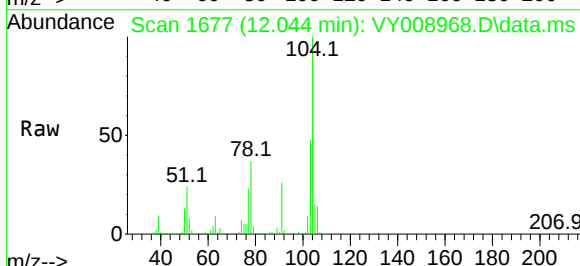
Tgt Ion:104 Resp: 86764

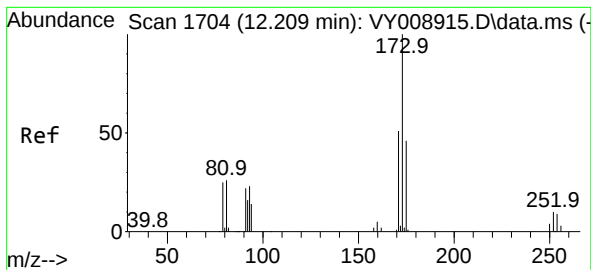
Ion Ratio Lower Upper

104 100

78 45.8 42.4 63.6

103 55.6 44.4 66.6





#71

Bromoform

Concen: 19.776 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

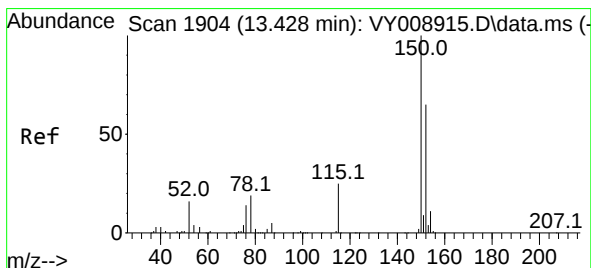
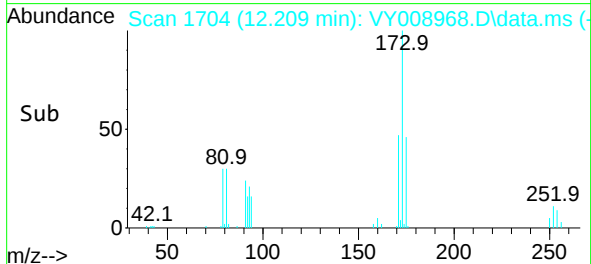
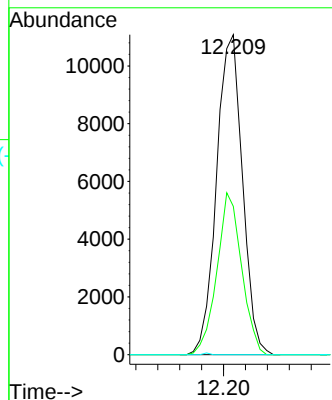
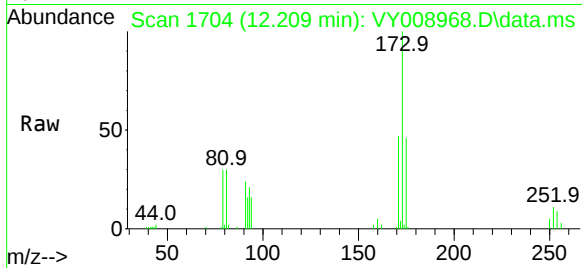
Tgt Ion:173 Resp: 18171

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

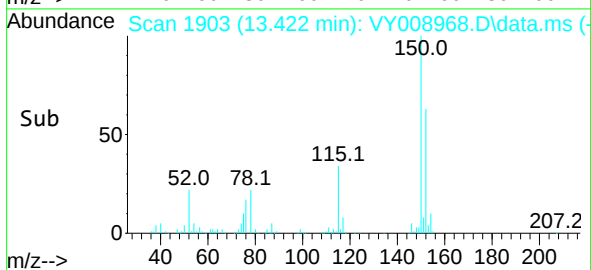
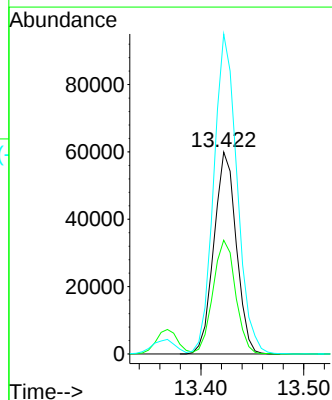
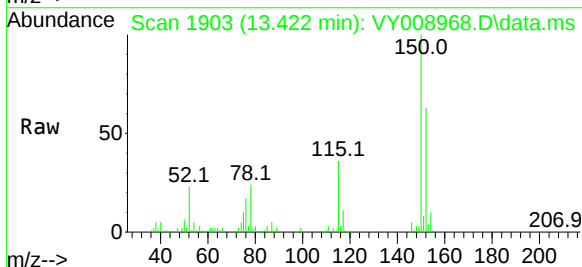
Tgt Ion:152 Resp: 90483

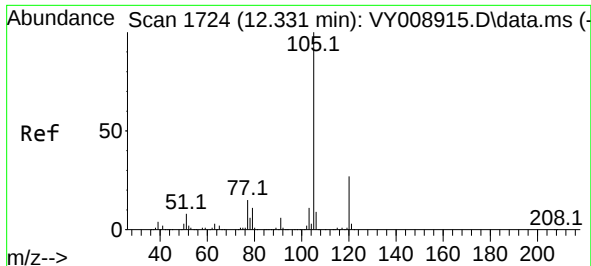
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 165.5 0.0 347.6

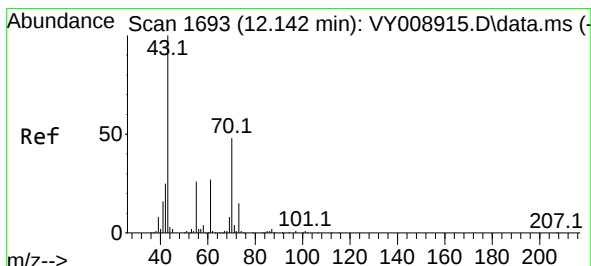
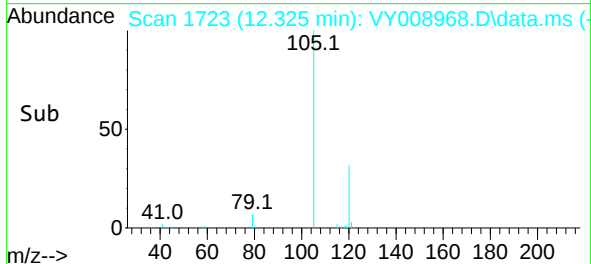
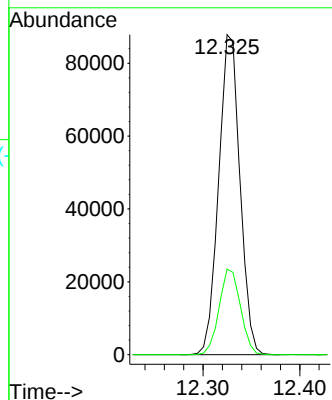
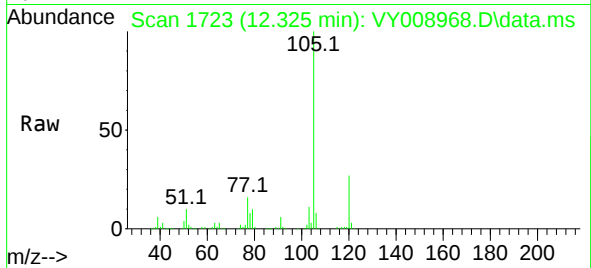




#73
Isopropylbenzene
Concen: 19.834 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

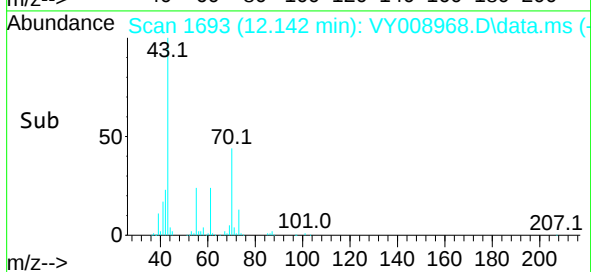
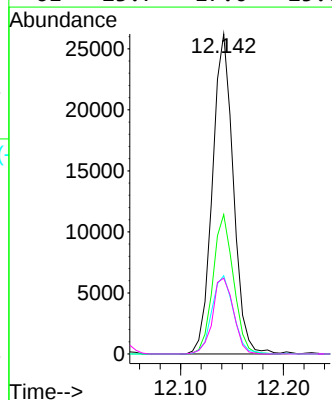
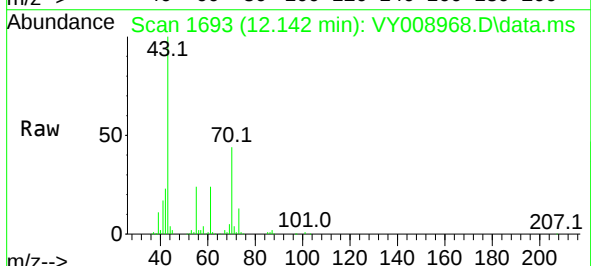
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

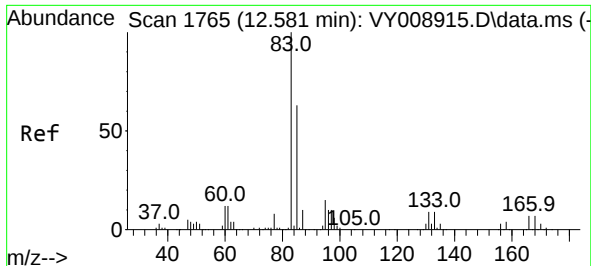
Tgt Ion:105 Resp: 134191
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-amy1 acetate
Concen: 23.705 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 43 Resp: 37004
Ion Ratio Lower Upper
43 100
70 42.7 28.7 43.1
55 25.4 17.3 25.9
61 23.7 17.0 25.6

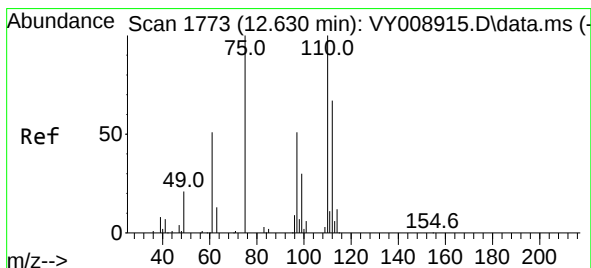
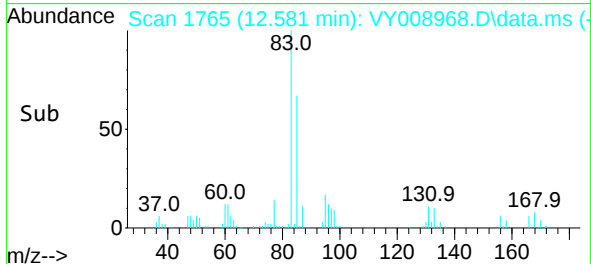
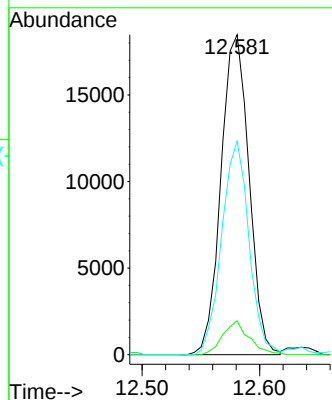
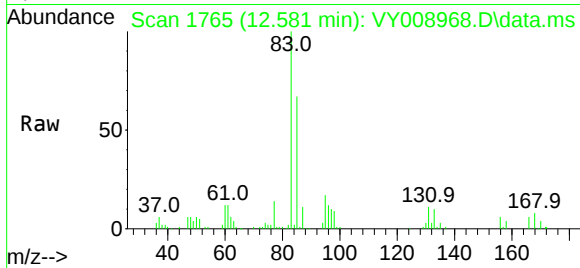




#75
1,1,2,2-Tetrachloroethane
Concen: 21.965 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

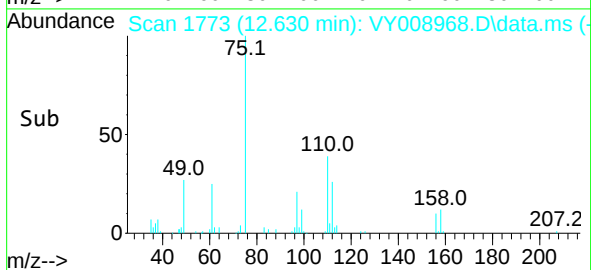
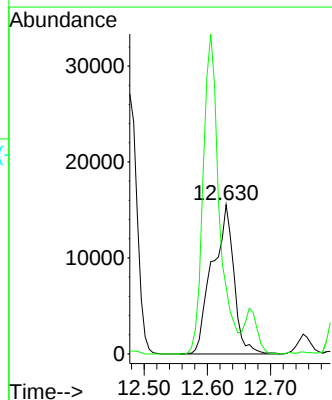
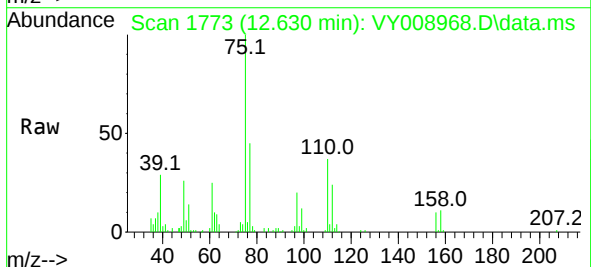
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

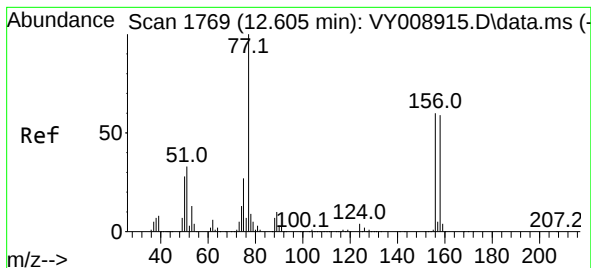
Tgt Ion: 83 Resp: 30613
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 65.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 37.954 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 75 Resp: 36879
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.352 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

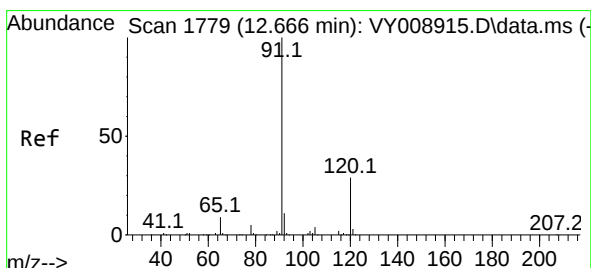
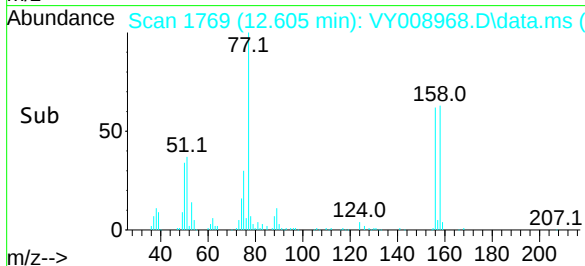
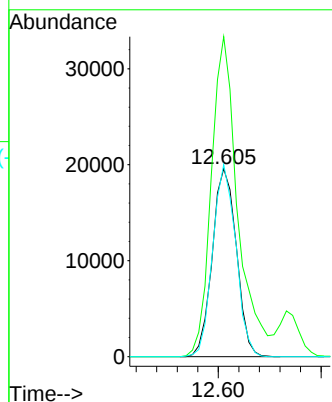
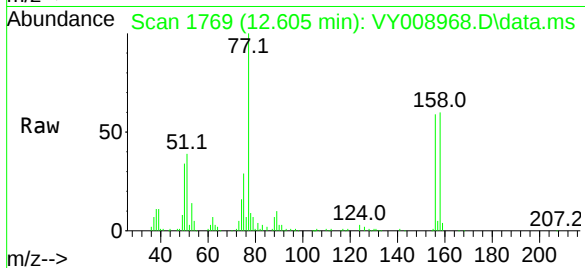
Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

Tgt Ion:	156	Resp:	31919
Ion Ratio	Lower	Upper	
156	100		
77	185.6	95.5	286.4
158	97.9	48.0	144.0



#78

n-propylbenzene

Concen: 21.629 ug/l

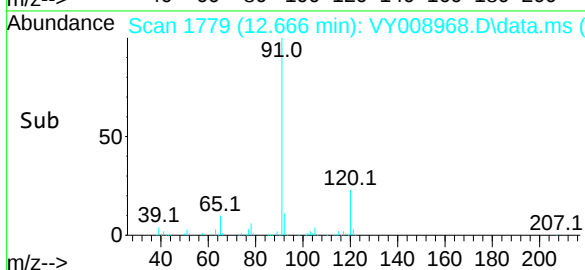
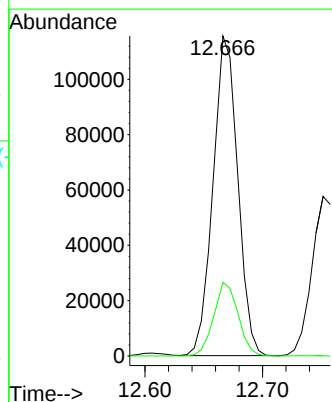
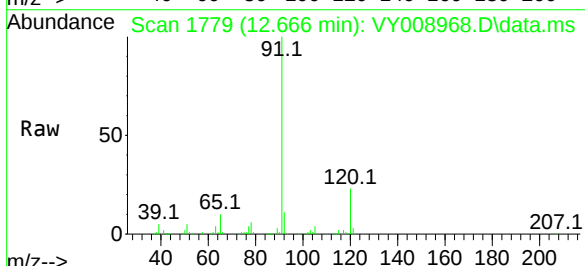
RT: 12.666 min Scan# 1779

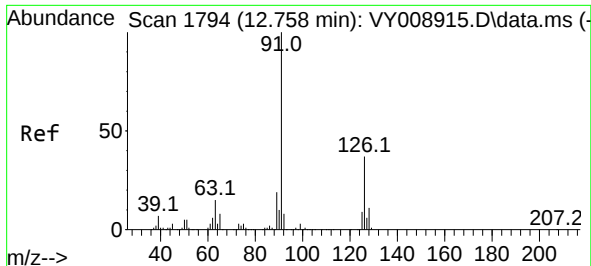
Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Tgt Ion:	91	Resp:	169072
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.9

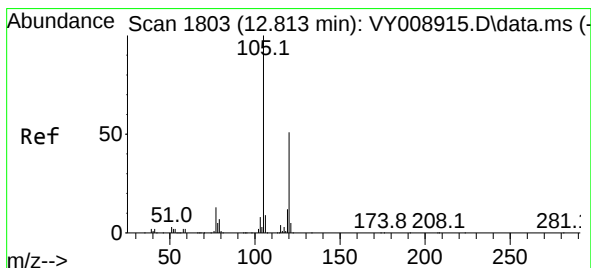
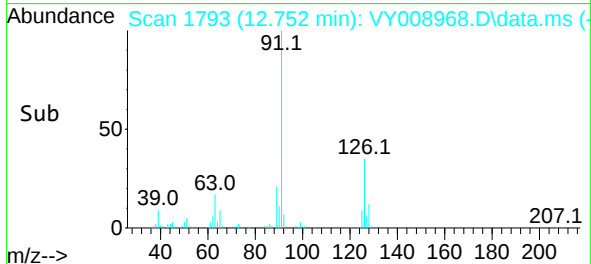
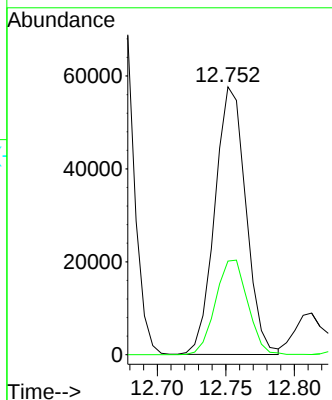
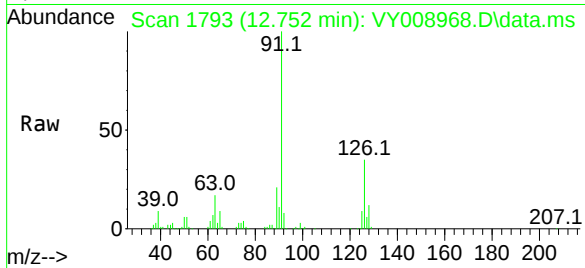




#79
2-Chlorotoluene
Concen: 20.164 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

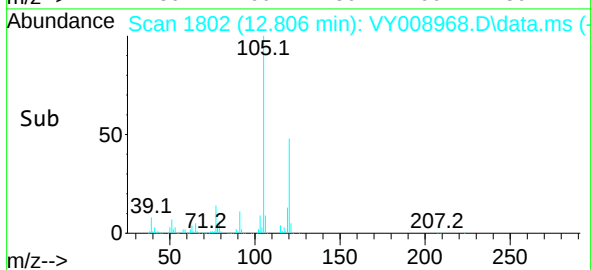
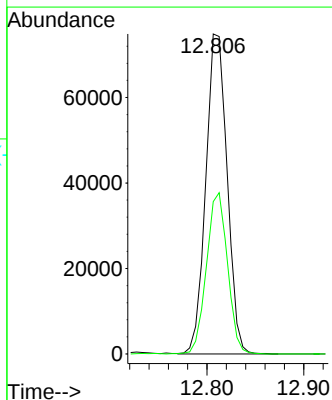
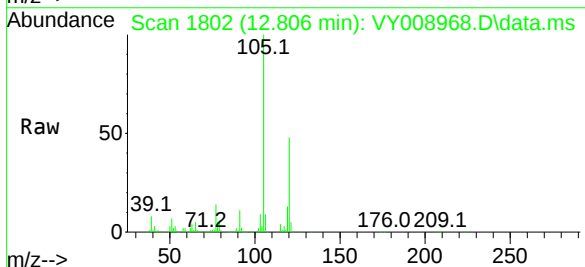
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

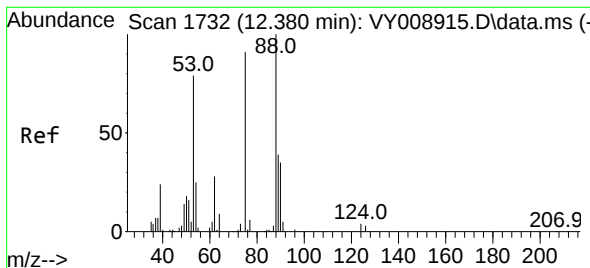
Tgt Ion: 91 Resp: 90918
Ion Ratio Lower Upper
91 100
126 36.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.279 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.007 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 105 Resp: 115003
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

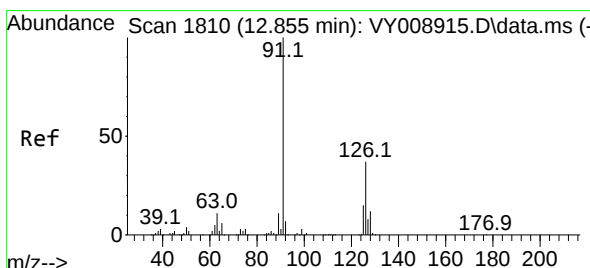
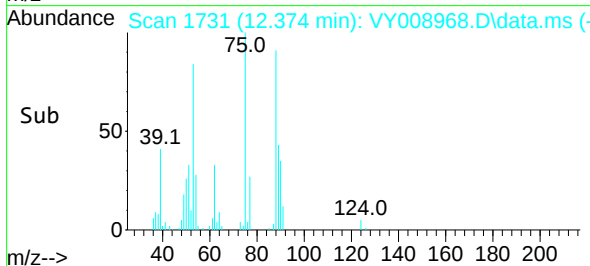
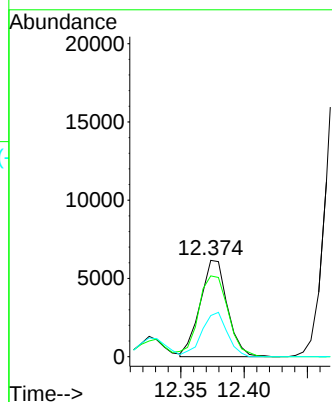
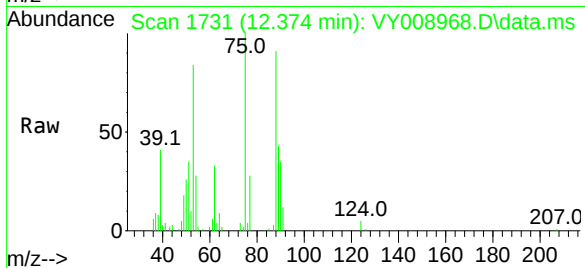




#81
trans-1,4-Dichloro-2-butene
Concen: 19.564 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

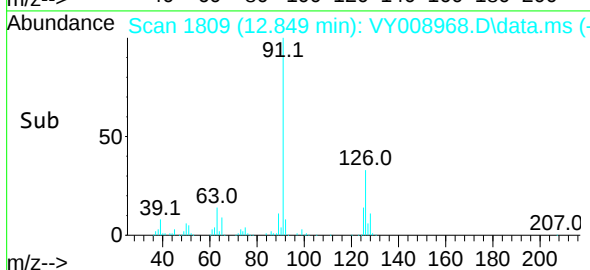
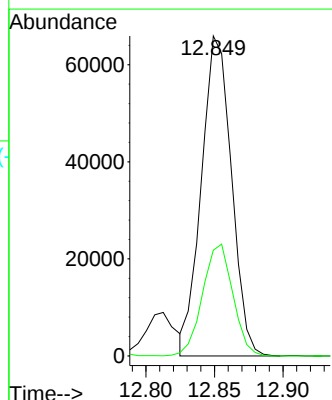
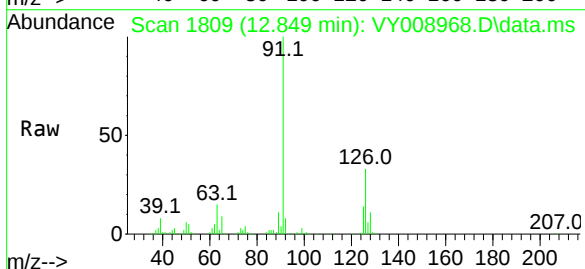
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

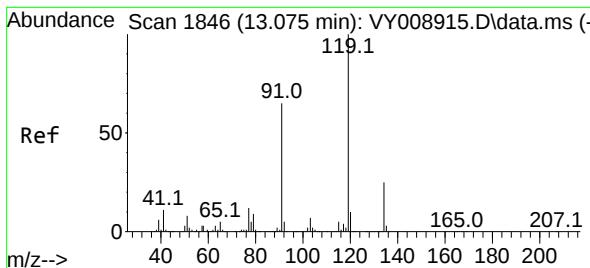
Tgt Ion: 75 Resp: 9262
Ion Ratio Lower Upper
75 100
53 91.3 85.3 127.9
89 42.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.848 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion: 91 Resp: 100543
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.416 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

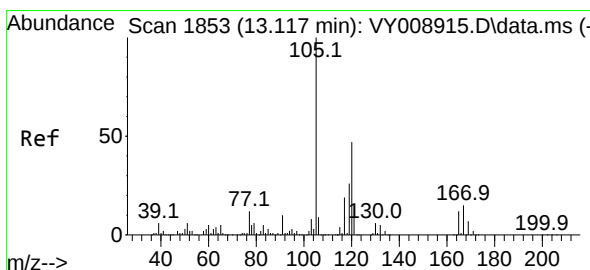
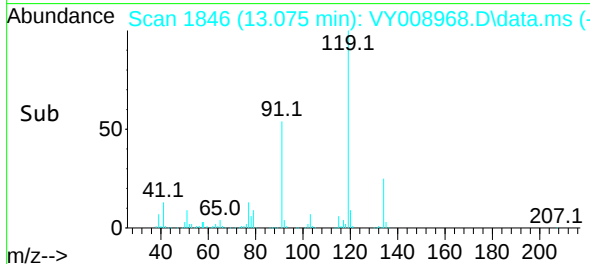
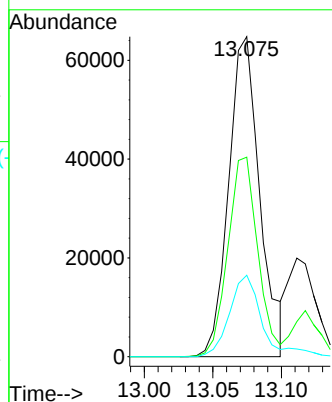
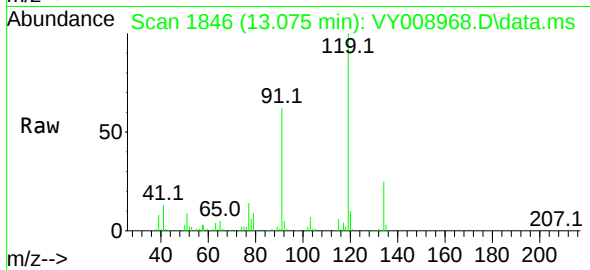
Tgt Ion:119 Resp: 102717

Ion Ratio Lower Upper

119 100

91 60.0 34.8 104.4

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.766 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY008968.D

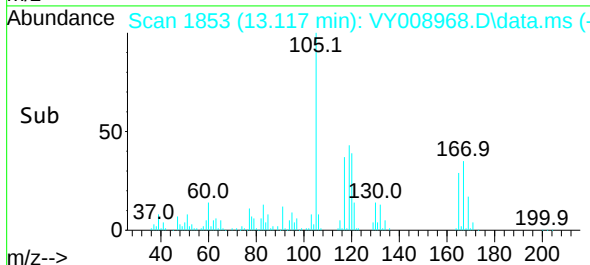
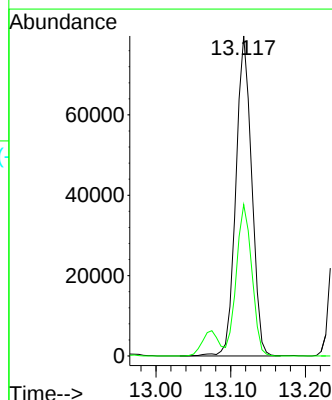
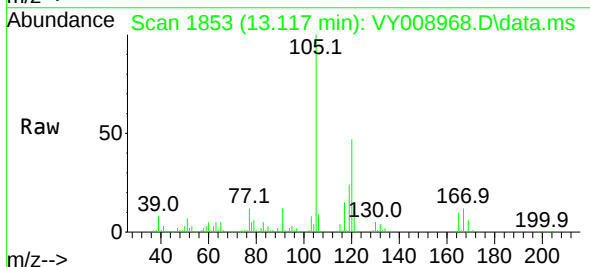
Acq: 21 May 2022 23:56

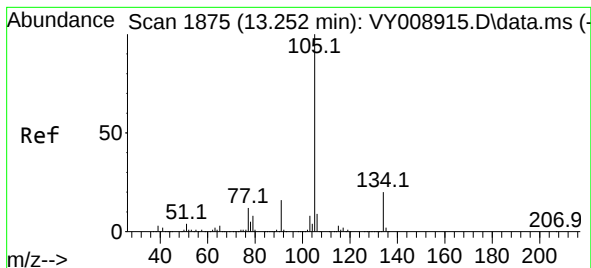
Tgt Ion:105 Resp: 116906

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.398 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

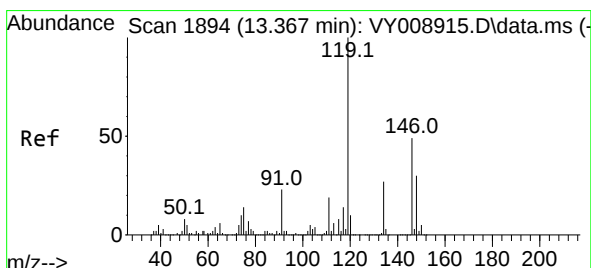
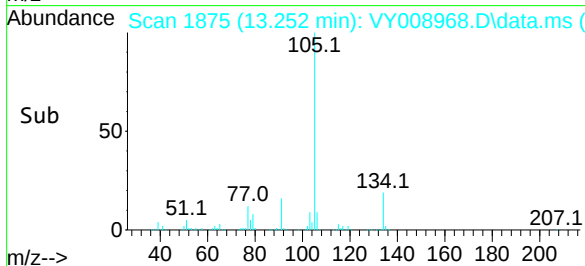
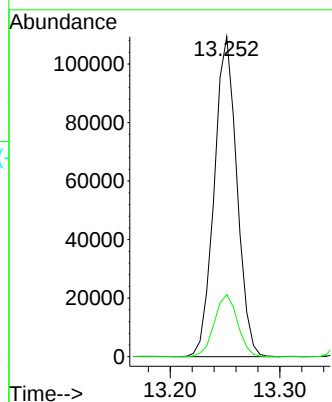
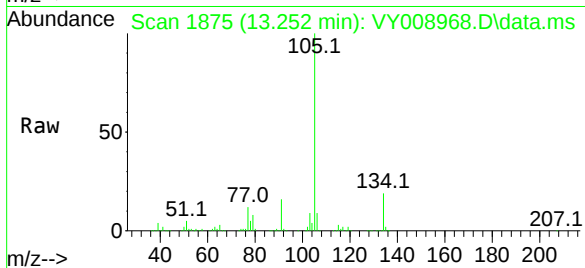
VY0521SBS02

Tgt Ion:105 Resp: 157020

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.086 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

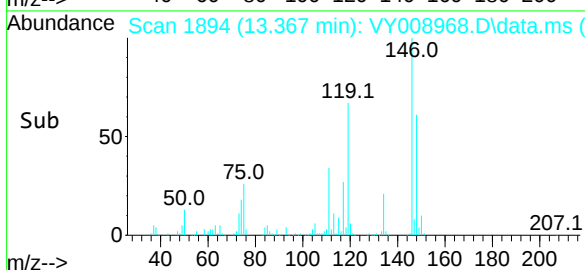
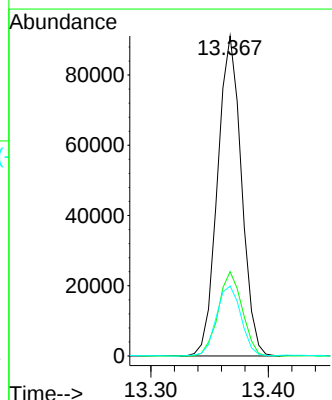
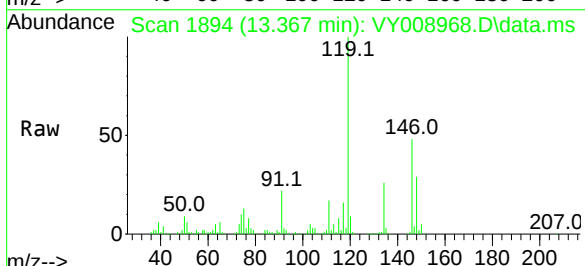
Tgt Ion:119 Resp: 128934

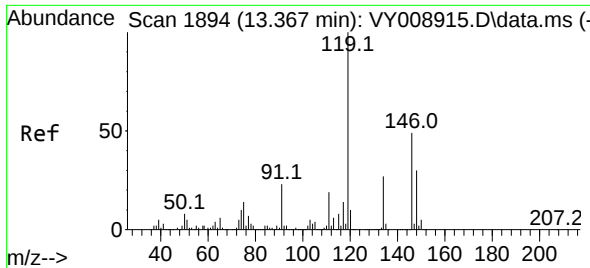
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 22.5 12.4 37.2

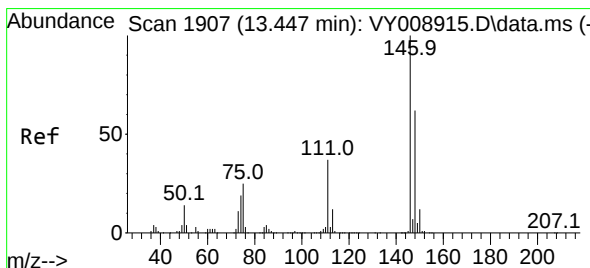
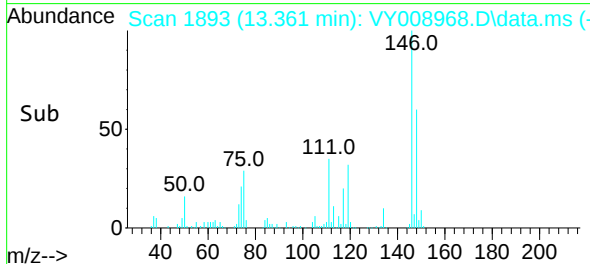
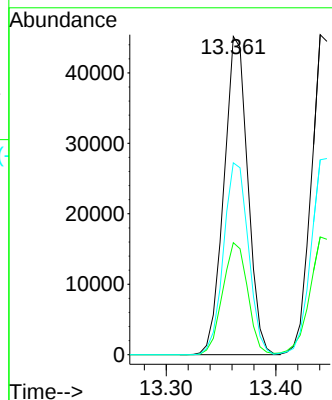
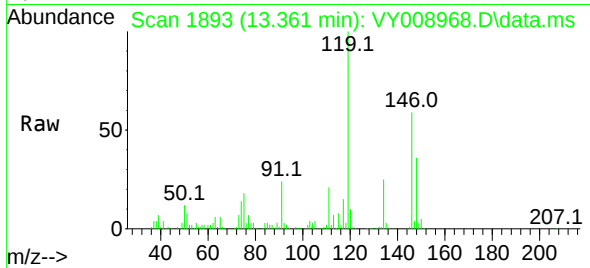




#87
1,3-Dichlorobenzene
Concen: 20.449 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

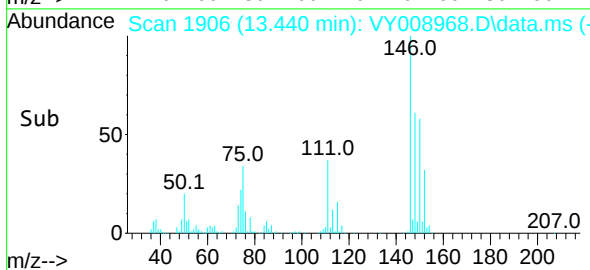
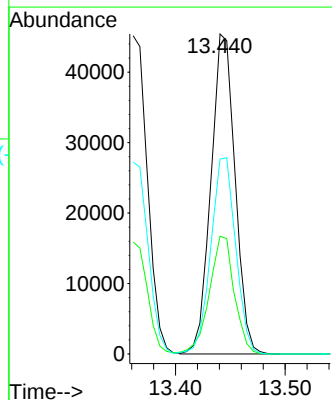
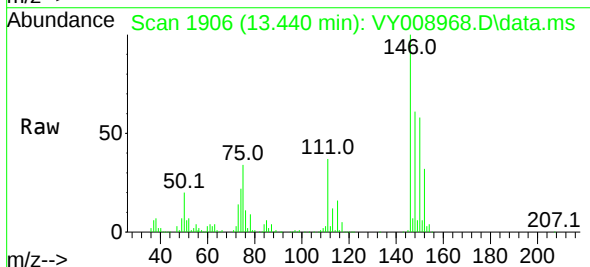
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

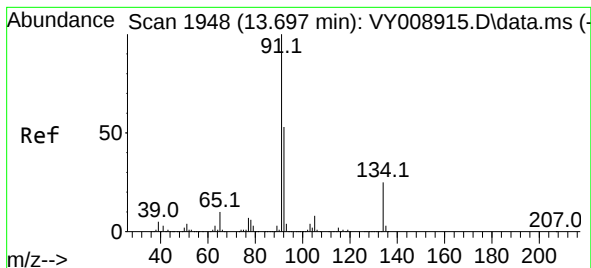
Tgt Ion:146 Resp: 68413
Ion Ratio Lower Upper
146 100
111 36.8 19.5 58.5
148 62.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.700 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY008968.D
Acq: 21 May 2022 23:56

Tgt Ion:146 Resp: 69578
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 63.3 32.6 97.8





#89

n-Butylbenzene

Concen: 20.971 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

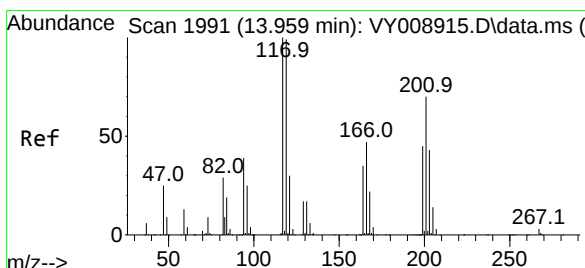
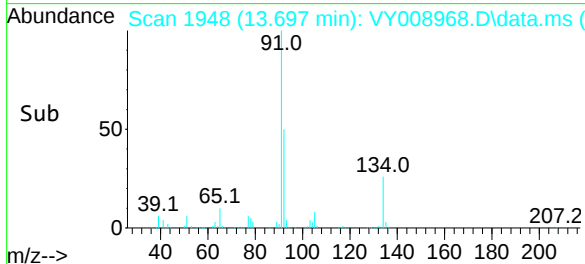
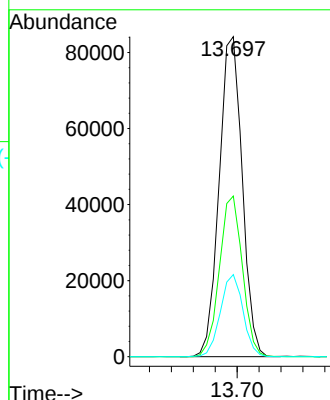
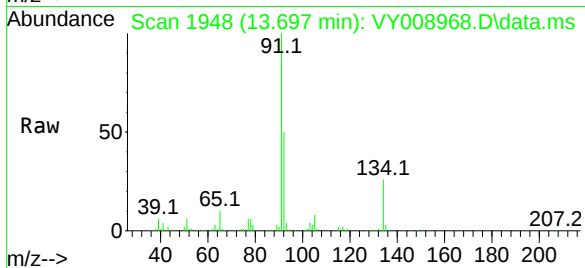
Tgt Ion: 91 Resp: 123154

Ion Ratio Lower Upper

91 100

92 50.1 26.3 78.9

134 25.1 13.0 38.9



#90

Hexachloroethane

Concen: 20.793 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008968.D

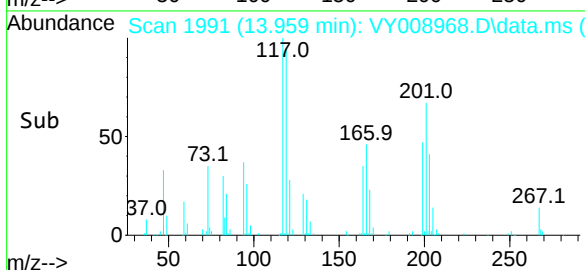
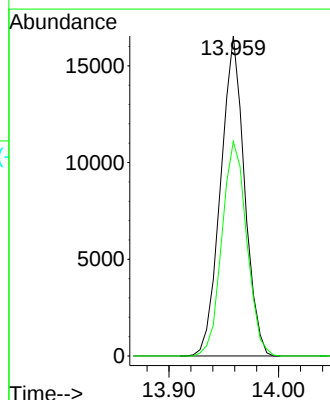
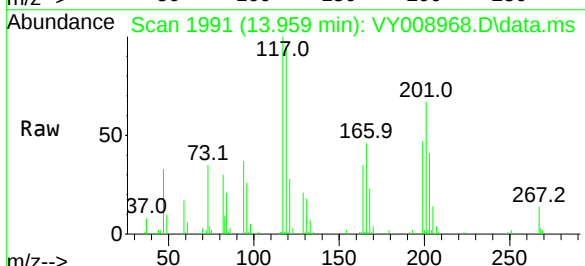
Acq: 21 May 2022 23:56

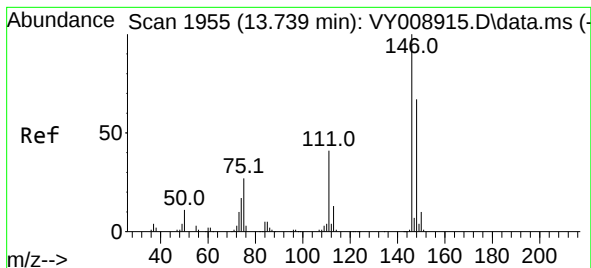
Tgt Ion: 117 Resp: 25013

Ion Ratio Lower Upper

117 100

201 69.5 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 21.148 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

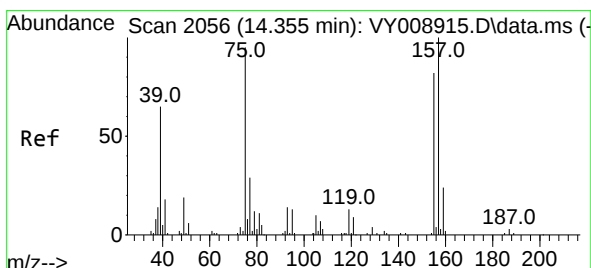
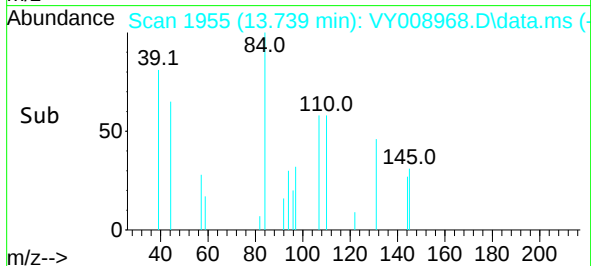
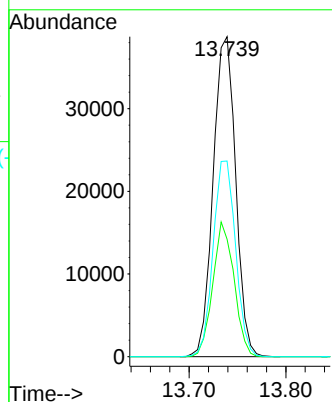
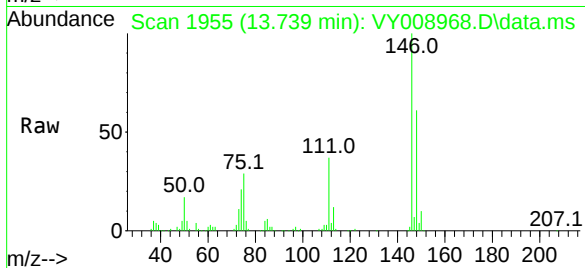
Tgt Ion:146 Resp: 62455

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 61.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.786 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

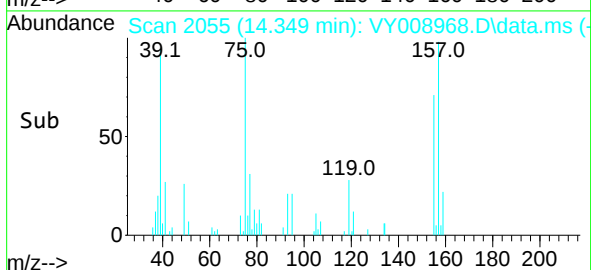
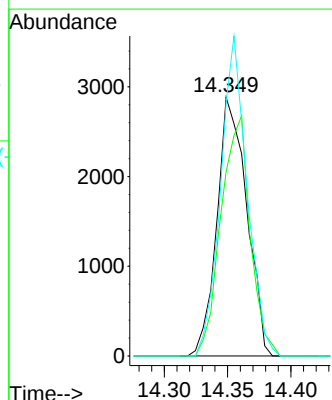
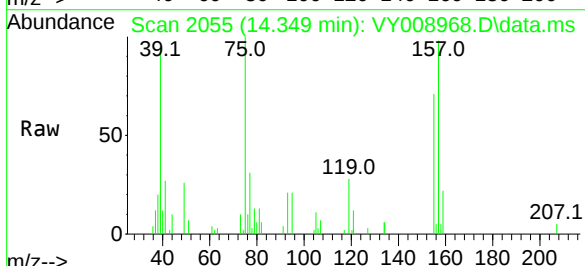
Tgt Ion: 75 Resp: 4714

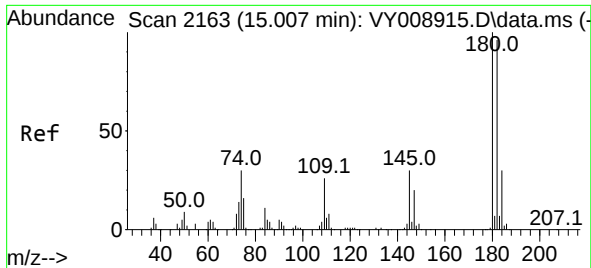
Ion Ratio Lower Upper

75 100

155 90.8 38.0 113.9

157 110.1 47.8 143.3

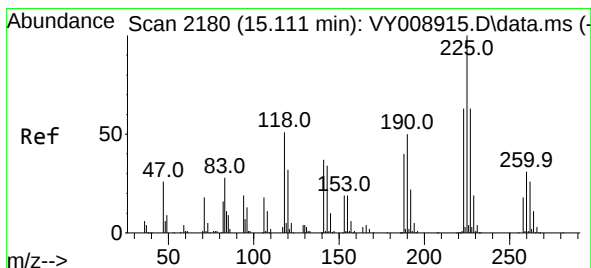
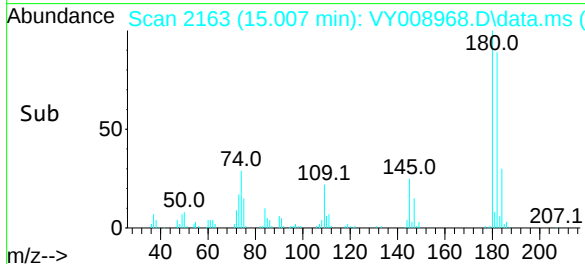
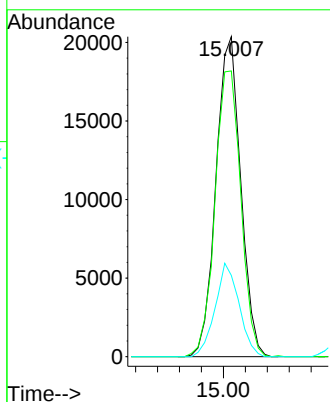
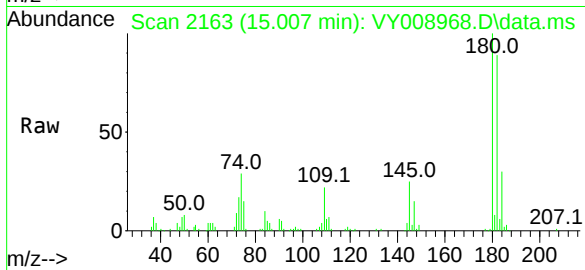




#93
 1,2,4-Trichlorobenzene
 Concen: 19.692 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

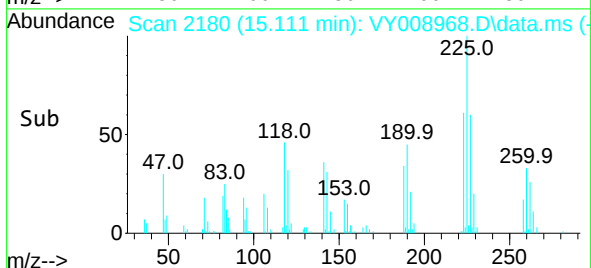
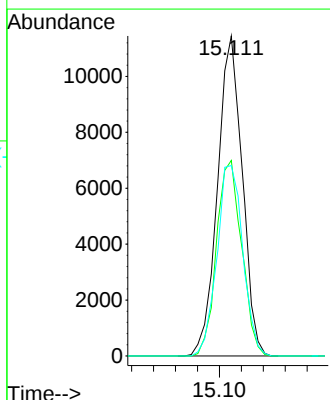
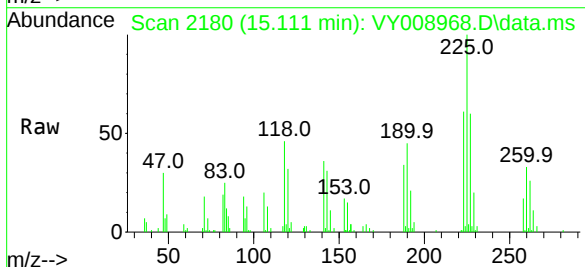
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS02

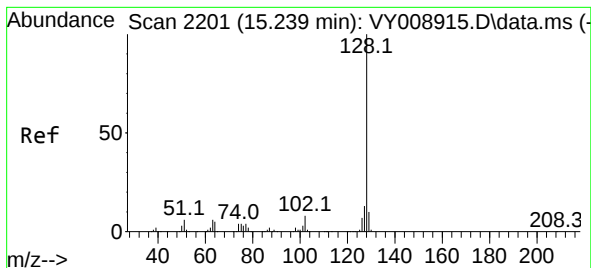
Tgt Ion:180 Resp: 31917
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.3 141.9
 145 28.3 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 20.301 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY008968.D
 Acq: 21 May 2022 23:56

Tgt Ion:225 Resp: 17934
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.8 92.3
 227 62.4 31.6 94.7





#95

Naphthalene

Concen: 20.480 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS02

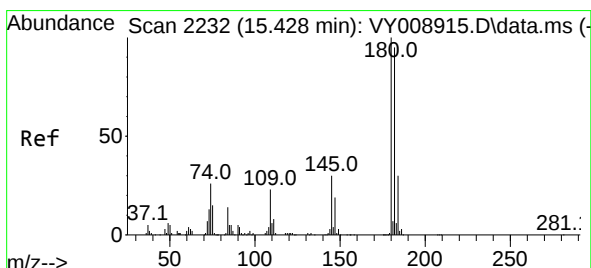
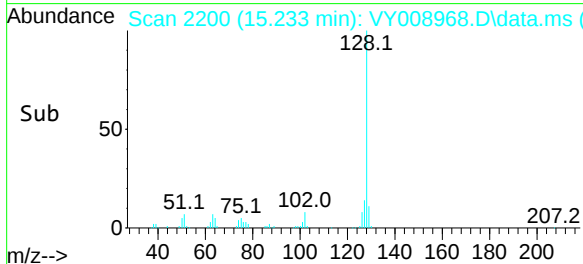
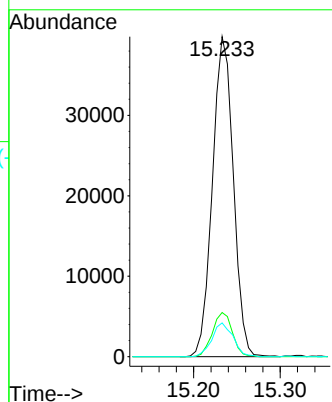
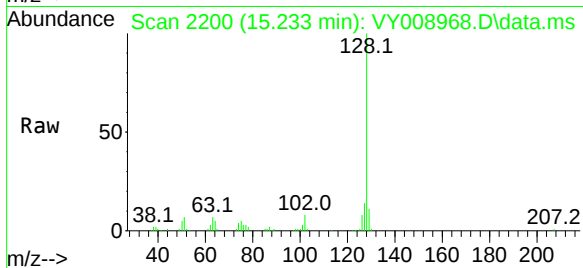
Tgt Ion:128 Resp: 66682

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.256 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008968.D

Acq: 21 May 2022 23:56

Tgt Ion:180 Resp: 28529

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 30.9 15.3 45.9

