

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008631.D
 Acq On : 04 May 2022 23:43
 Operator : KP/MD
 Sample : VY0504SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS03

Quant Time: May 05 04:41:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144871	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	228319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74101	52.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.716	113	79955	52.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.840%	
50) Toluene-d8	10.179	98	289249	54.041	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.483	95	100848	51.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	33130	22.818	ug/l	96
3) Chloromethane	2.113	50	37050	21.953	ug/l	94
4) Vinyl Chloride	2.247	62	41235	20.322	ug/l	96
5) Bromomethane	2.644	94	31387	19.117	ug/l	96
6) Chloroethane	2.790	64	25610	19.694	ug/l	99
7) Trichlorofluoromethane	3.119	101	55890	20.365	ug/l	97
8) Diethyl Ether	3.528	74	19447	22.126	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	34642	21.472	ug/l	94
10) Methyl Iodide	4.088	142	38828	19.413	ug/l #	86
11) Tert butyl alcohol	4.942	59	18013	113.219	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	32671	21.490	ug/l #	74
13) Acrolein	3.729	56	19195	100.892	ug/l	99
14) Allyl chloride	4.473	41	41293	22.688	ug/l #	86
15) Acrylonitrile	5.161	53	44767	111.715	ug/l	97
16) Acetone	3.942	43	30922	101.925	ug/l #	83
17) Carbon Disulfide	4.192	76	96492	22.323	ug/l	100
18) Methyl Acetate	4.473	43	20907	23.224	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	88865	21.198	ug/l	93
20) Methylene Chloride	4.710	84	56037	28.474	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	37949	21.974	ug/l	82
22) Diisopropyl ether	6.119	45	96269	22.912	ug/l #	90
23) Vinyl Acetate	6.058	43	303937	110.769	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	60015	22.660	ug/l	99
25) 2-Butanone	6.984	43	52064	106.913	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	47238	18.622	ug/l	90
27) cis-1,2-Dichloroethene	6.978	96	42753	21.631	ug/l	80
28) Bromochloromethane	7.332	49	20349	20.094	ug/l #	62
29) Tetrahydrofuran	7.344	42	35613	110.262	ug/l #	78
30) Chloroform	7.502	83	63986	21.562	ug/l	98
31) Cyclohexane	7.783	56	54243	22.319	ug/l #	78
32) 1,1,1-Trichloroethane	7.698	97	56259	20.668	ug/l	93
36) 1,1-Dichloropropene	7.917	75	48197	20.516	ug/l	94
37) Ethyl Acetate	7.070	43	25033	20.778	ug/l #	91
38) Carbon Tetrachloride	7.899	117	51885	19.359	ug/l	99
39) Methylcyclohexane	9.179	83	63275	20.418	ug/l #	83
40) Benzene	8.161	78	146966	21.658	ug/l	94

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 ClientSampleId :
 VY0504SBS03

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 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	32271	61.055	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	38582	19.644	ug/l	87
43) Isopropyl Acetate	8.271	43	45614	20.809	ug/l #	87
44) Trichloroethene	8.935	130	42416	19.927	ug/l	97
45) 1,2-Dichloropropane	9.216	63	35435	22.384	ug/l	95
46) Dibromomethane	9.301	93	21583	19.530	ug/l	93
47) Bromodichloromethane	9.496	83	49882	20.716	ug/l	100
48) Methyl methacrylate	9.289	41	19042	19.763	ug/l #	75
49) 1,4-Dioxane	9.295	88	5723	408.432	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	117415	102.050	ug/l #	82
52) Toluene	10.240	92	95031	20.952	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49171	19.316	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	57196	20.224	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	31591	20.514	ug/l	97
56) Ethyl methacrylate	10.508	69	39867	20.494	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	51104	20.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	93836	95.038	ug/l #	89
59) 2-Hexanone	10.831	43	79822	101.872	ug/l	80
60) Dibromochloromethane	10.984	129	38235	19.849	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30756	19.734	ug/l	99
64) Tetrachloroethene	10.721	164	39026	20.226	ug/l	96
65) Chlorobenzene	11.514	112	104520	20.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	39321	20.443	ug/l	96
67) Ethyl Benzene	11.593	91	177634	20.724	ug/l	97
68) m/p-Xylenes	11.703	106	144873	41.376	ug/l	88
69) o-Xylene	12.026	106	69358	20.669	ug/l	87
70) Styrene	12.044	104	114943	20.605	ug/l	92
71) Bromoform	12.209	173	24491	19.154	ug/l #	98
73) Isopropylbenzene	12.331	105	178020	20.721	ug/l	99
74) N-amyl acetate	12.142	43	39178	20.405	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	36532	21.013	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	44667	37.995	ug/l #	100
77) Bromobenzene	12.611	156	45003	19.853	ug/l	87
78) n-propylbenzene	12.672	91	210477	21.052	ug/l	96
79) 2-Chlorotoluene	12.758	91	118596	21.069	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	147454	20.773	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10690	18.436	ug/l #	84
82) 4-Chlorotoluene	12.855	91	122106	21.058	ug/l	93
83) tert-Butylbenzene	13.075	119	130362	20.504	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	145255	20.588	ug/l	95
85) sec-Butylbenzene	13.251	105	195210	20.834	ug/l	99
86) p-Isopropyltoluene	13.367	119	162527	20.431	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	87595	19.980	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	87485	20.231	ug/l	99
89) n-Butylbenzene	13.696	91	143728	20.512	ug/l	98
90) Hexachloroethane	13.959	117	30480	20.689	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	78609	20.093	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5004	18.912	ug/l	57
93) 1,2,4-Trichlorobenzene	15.007	180	47597	19.066	ug/l	98
94) Hexachlorobutadiene	15.111	225	26700	18.939	ug/l	99
95) Naphthalene	15.233	128	95403	19.057	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	41161	18.577	ug/l	99

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ALS Vial : 36 Sample Multiplier: 1

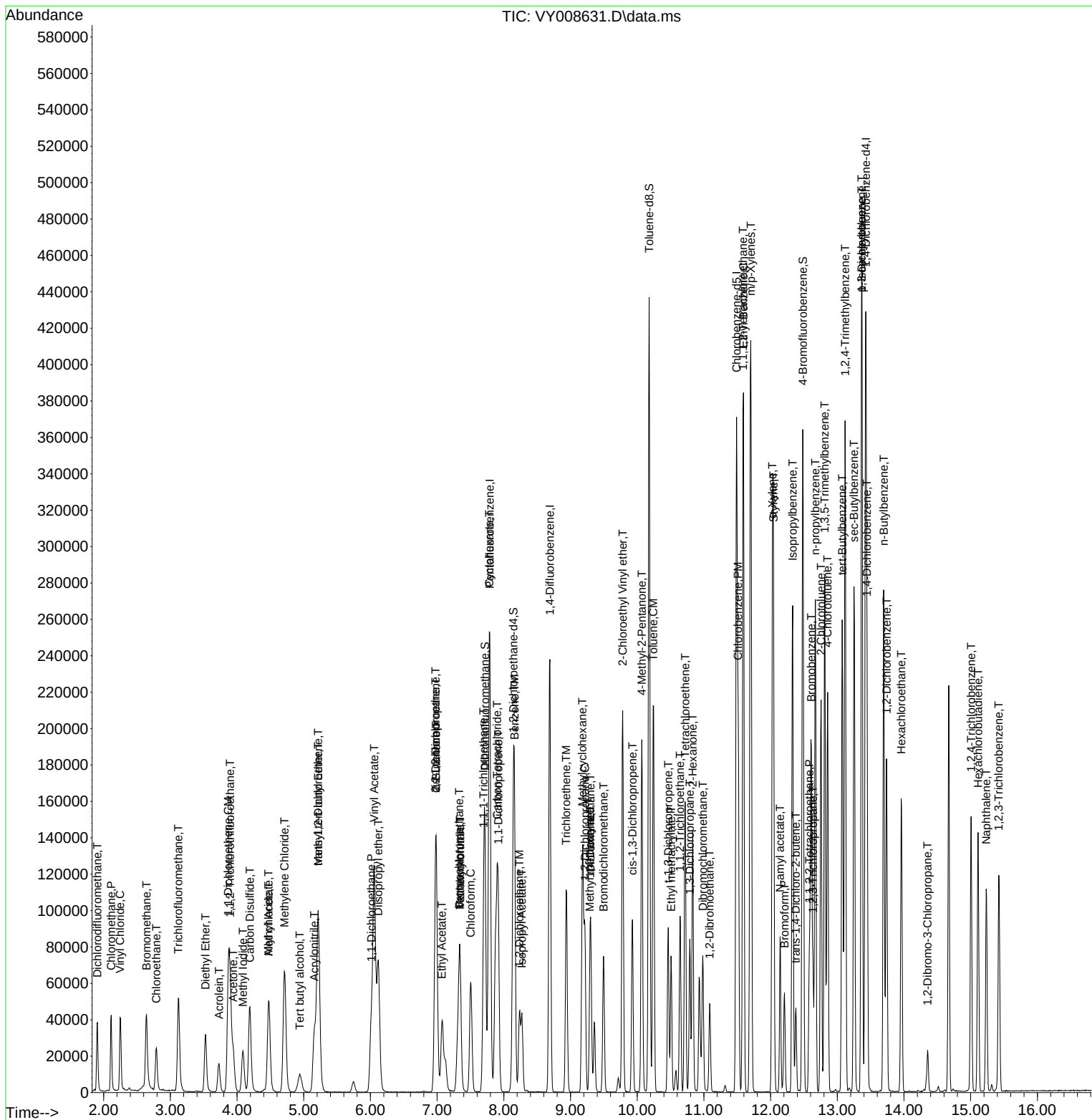
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

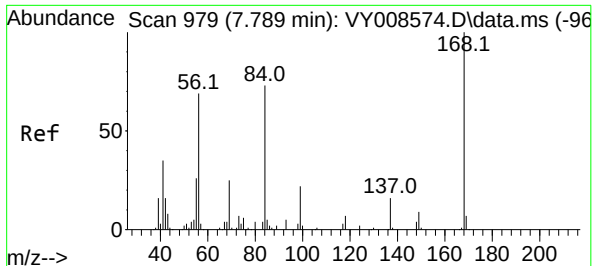
Quant Time: May 05 04:41:20 2022
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Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

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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Quant Title : SW846 8260
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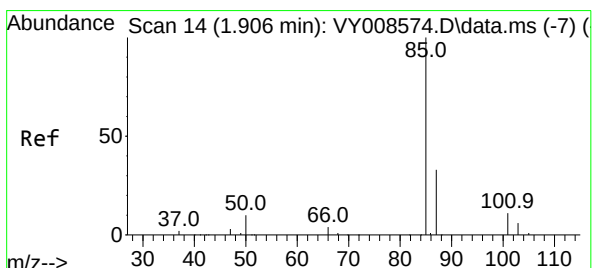
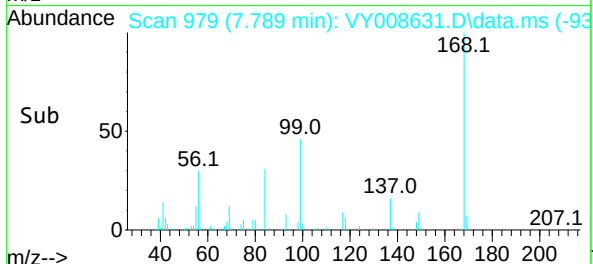
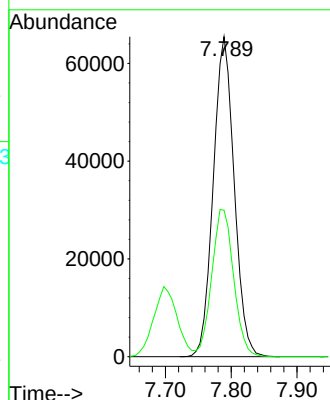
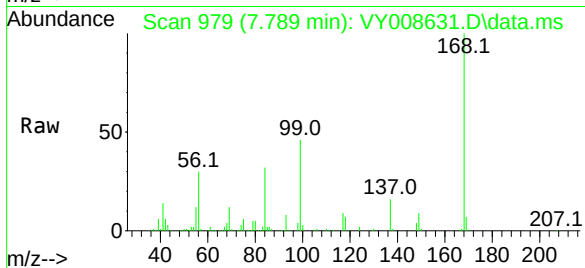




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

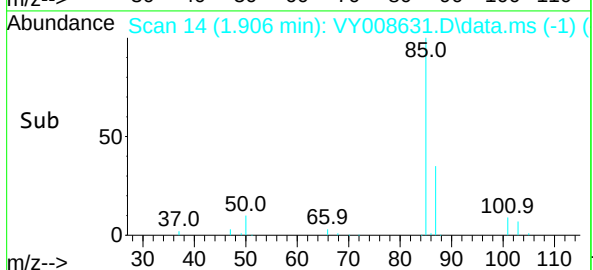
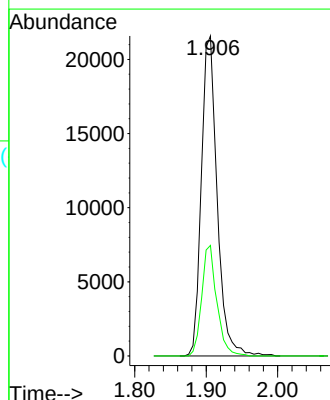
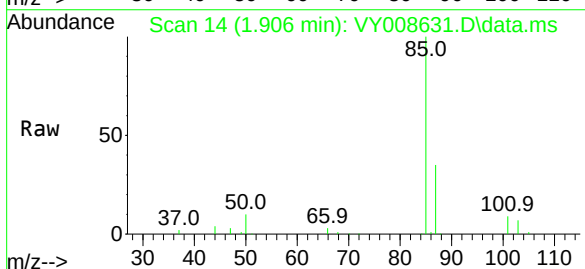
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

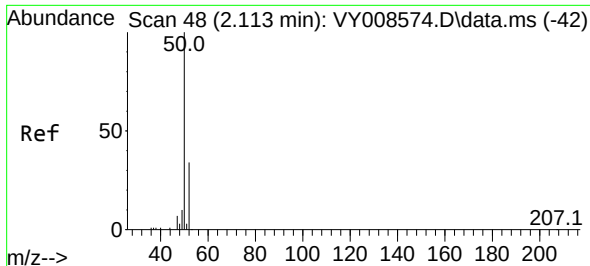
Tgt Ion:168 Resp: 144871
Ion Ratio Lower Upper
168 100
99 45.8 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 22.818 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 85 Resp: 33130
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2

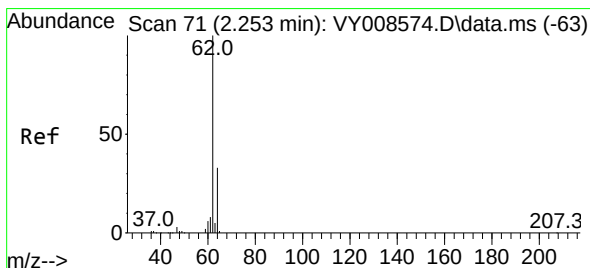
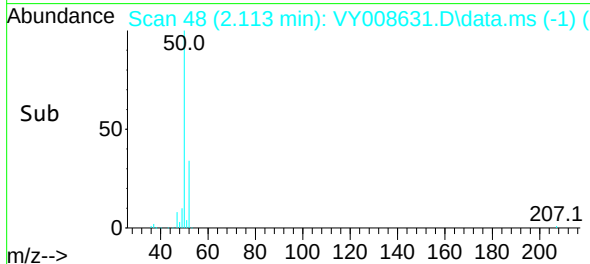
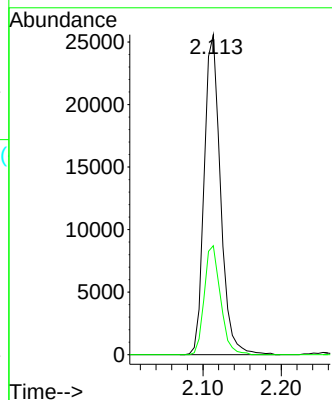
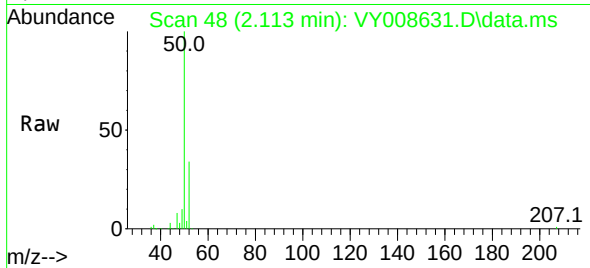




#3
Chloromethane
Concen: 21.953 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

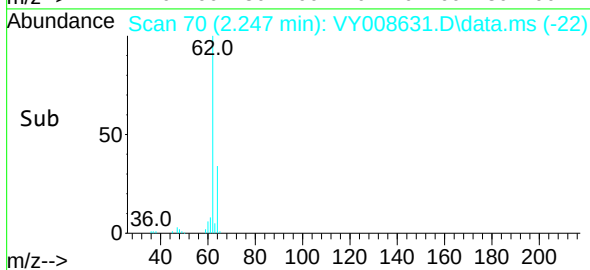
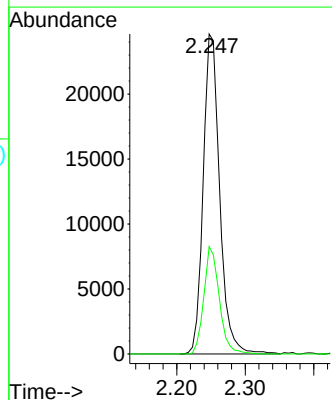
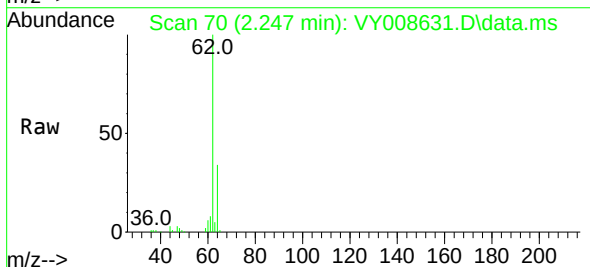
Instrument :
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ClientSampleId :
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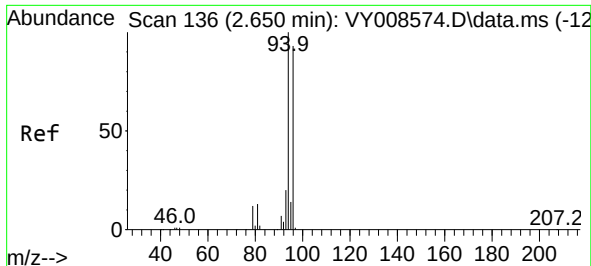
Tgt Ion: 50 Resp: 37050
Ion Ratio Lower Upper
50 100
52 34.1 24.6 37.0



#4
Vinyl Chloride
Concen: 20.322 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 62 Resp: 41235
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6

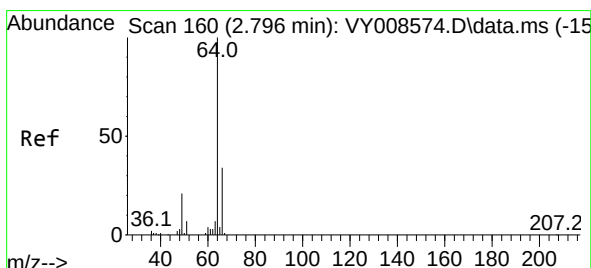
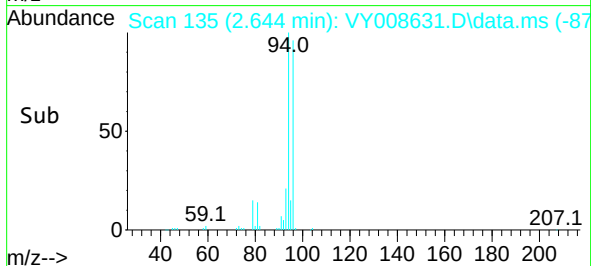
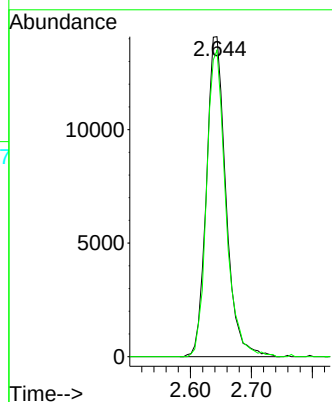
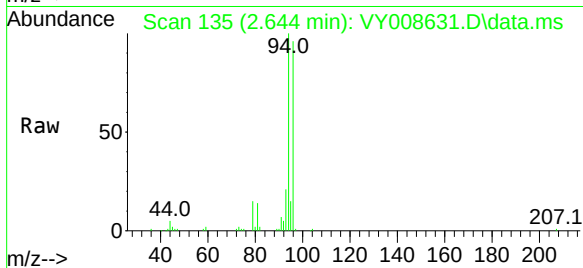




#5
Bromomethane
Concen: 19.117 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

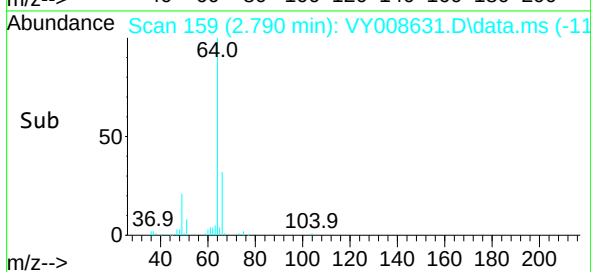
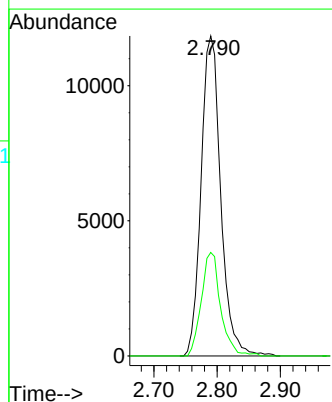
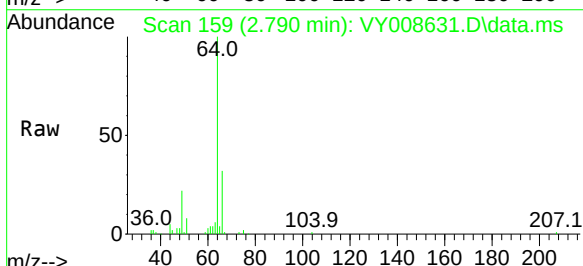
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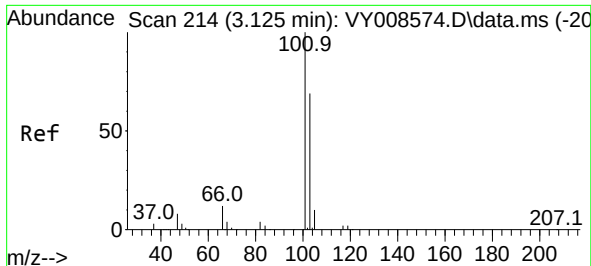
Tgt Ion: 94 Resp: 31387
Ion Ratio Lower Upper
94 100
96 95.8 73.5 110.3



#6
Chloroethane
Concen: 19.694 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 64 Resp: 25610
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0

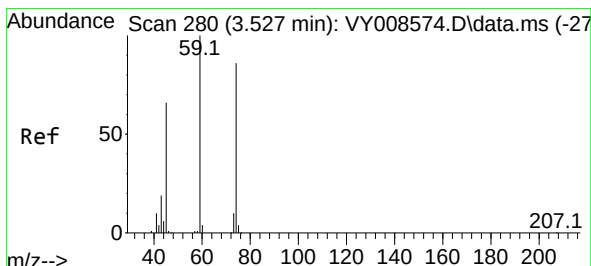
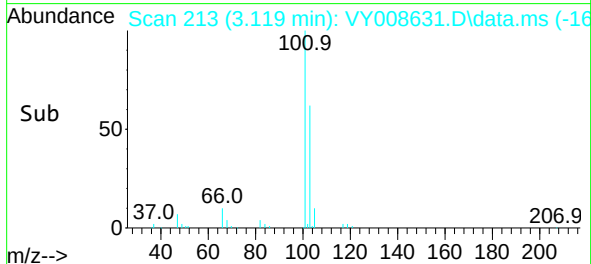
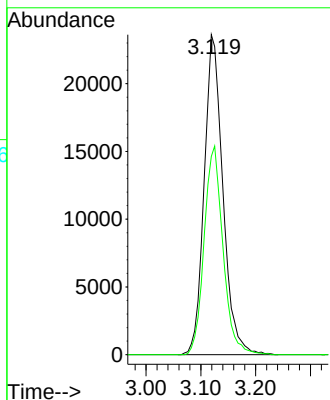
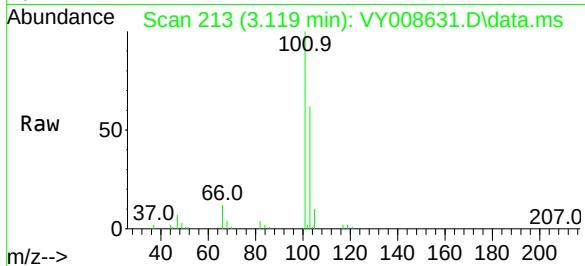




#7
Trichlorofluoromethane
Concen: 20.365 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

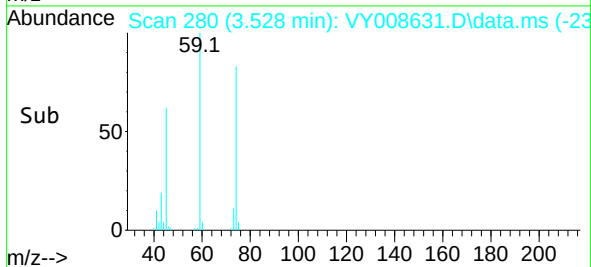
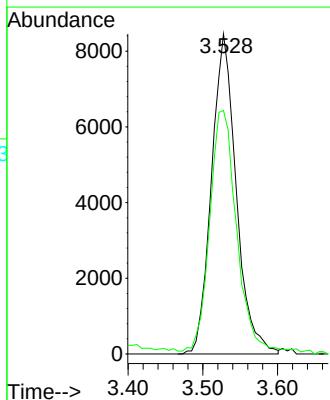
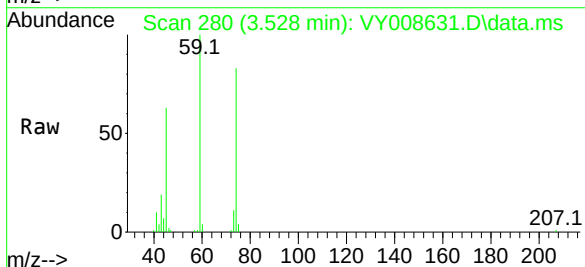
Instrument :
MSVOA_Y
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VY0504SBS03

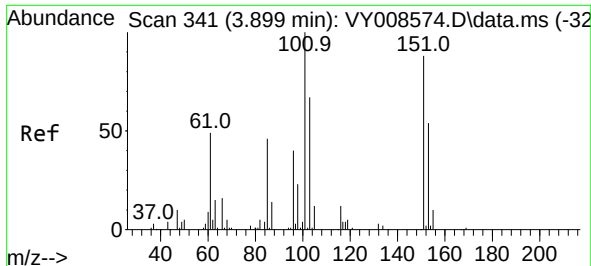
Tgt Ion:101 Resp: 55890
Ion Ratio Lower Upper
101 100
103 62.0 48.0 72.0



#8
Diethyl Ether
Concen: 22.126 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 74 Resp: 19447
Ion Ratio Lower Upper
74 100
45 84.7 55.1 165.5

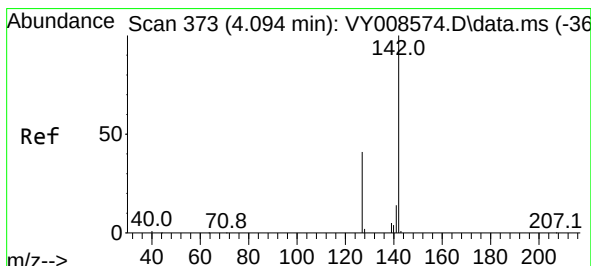
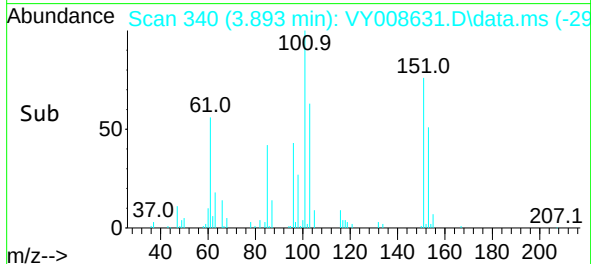
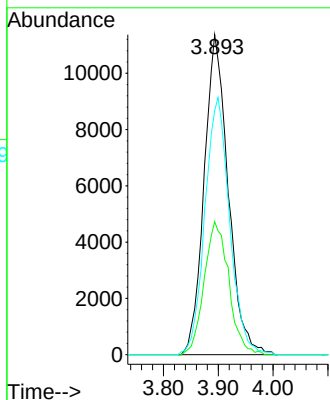
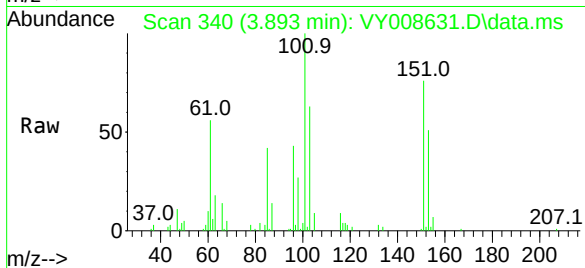




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.472 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

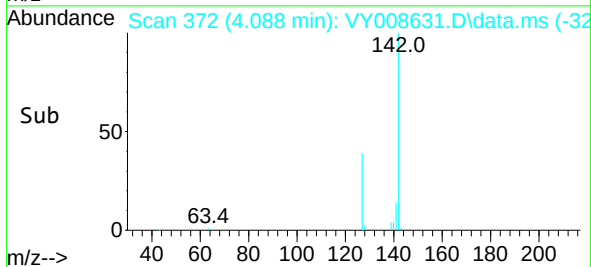
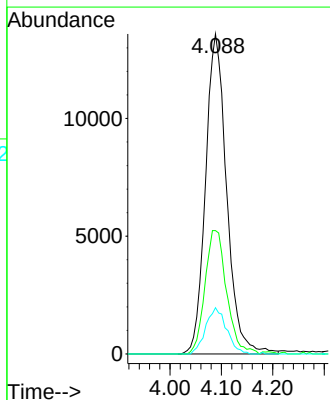
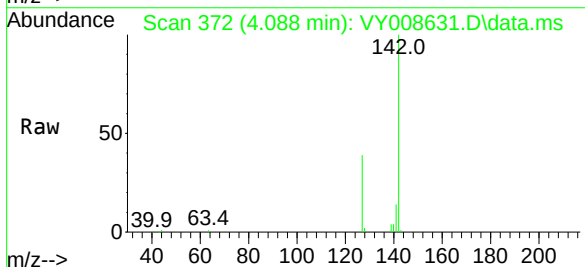
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

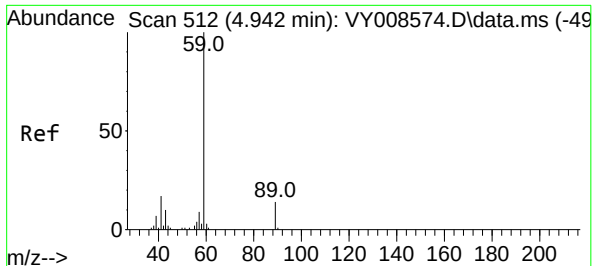
Tgt Ion:101 Resp: 34642
Ion Ratio Lower Upper
101 100
85 42.5 40.6 60.8
151 82.6 64.9 97.3



#10
Methyl Iodide
Concen: 19.413 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion:142 Resp: 38828
Ion Ratio Lower Upper
142 100
127 39.5 41.5 62.3#
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 113.219 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

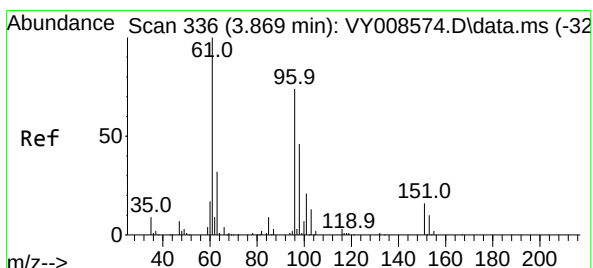
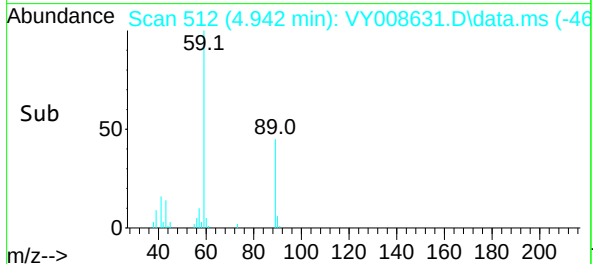
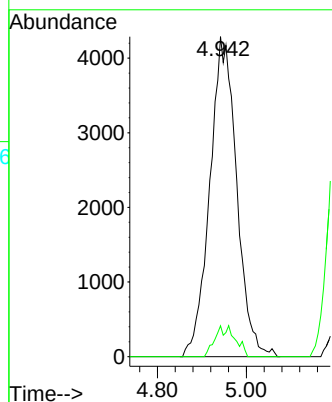
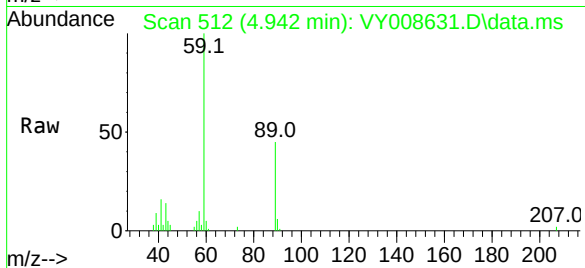
VY0504SBS03

Tgt Ion: 59 Resp: 18013

Ion Ratio Lower Upper

59 100

57 3.3 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 21.490 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

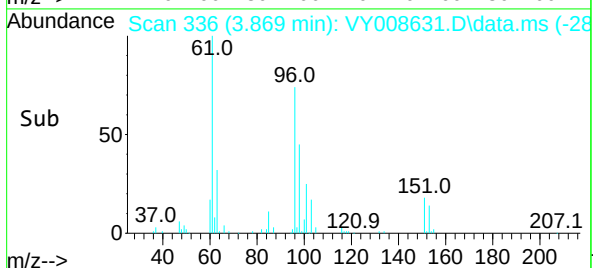
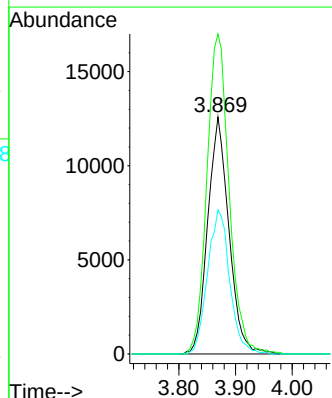
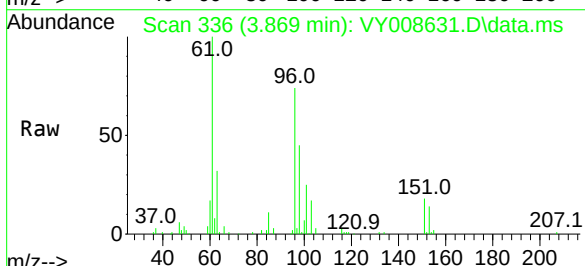
Tgt Ion: 96 Resp: 32671

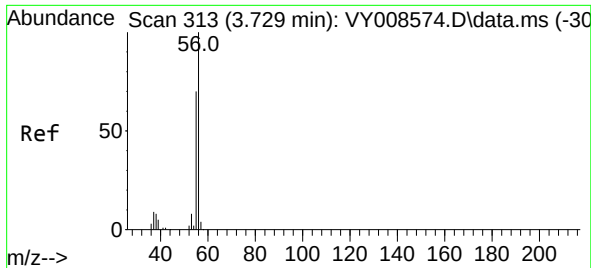
Ion Ratio Lower Upper

96 100

61 135.0 145.8 218.6#

98 60.8 52.5 78.7





#13

Acrolein

Concen: 100.892 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

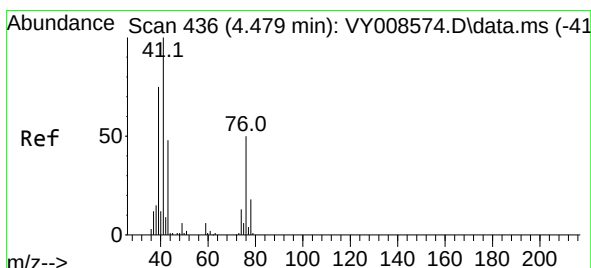
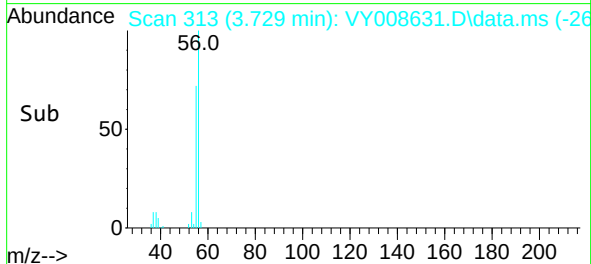
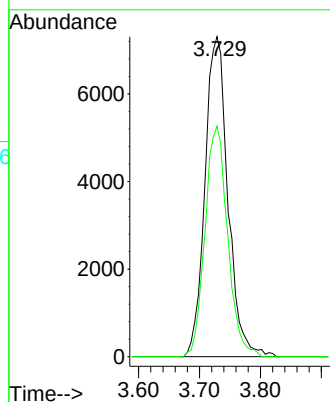
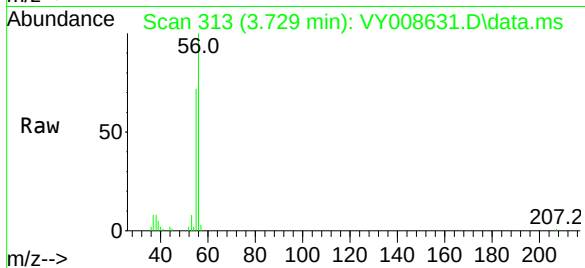
VY0504SBS03

Tgt Ion: 56 Resp: 19195

Ion Ratio Lower Upper

56 100

55 70.8 57.6 86.4



#14

Allyl chloride

Concen: 22.688 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

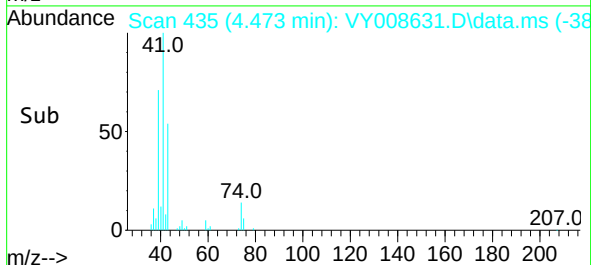
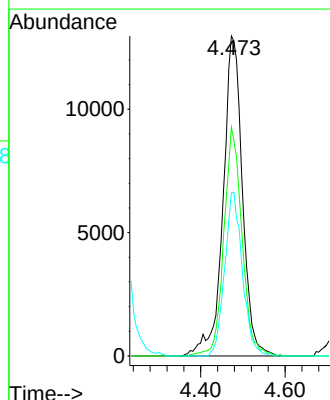
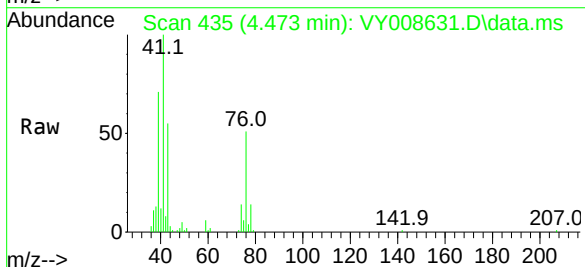
Tgt Ion: 41 Resp: 41293

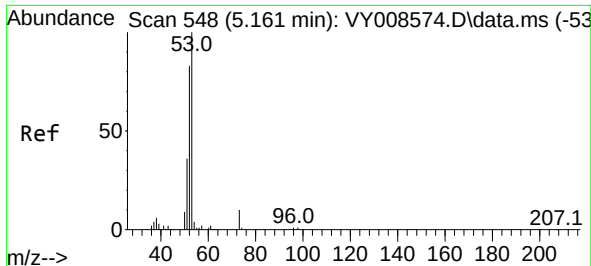
Ion Ratio Lower Upper

41 100

39 66.7 58.8 88.2

76 46.8 25.1 37.7#

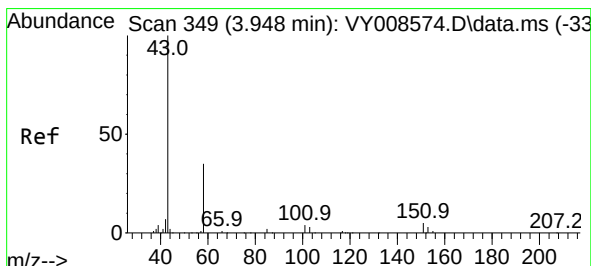
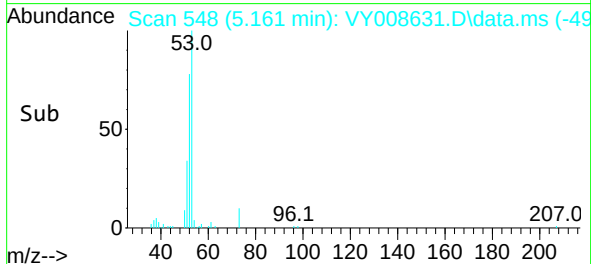
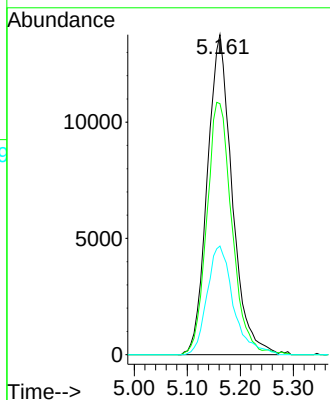
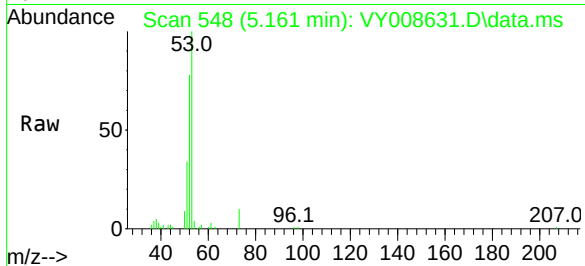




#15
Acrylonitrile
Concen: 111.715 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

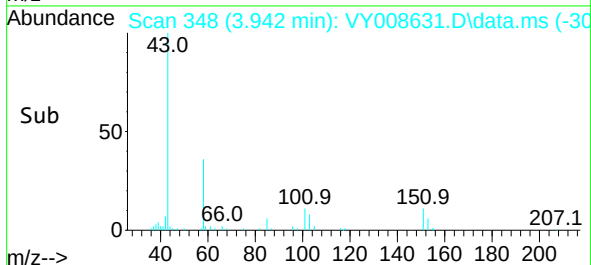
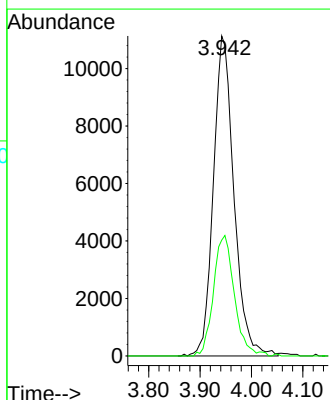
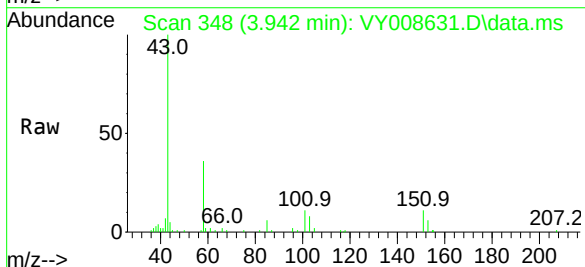
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

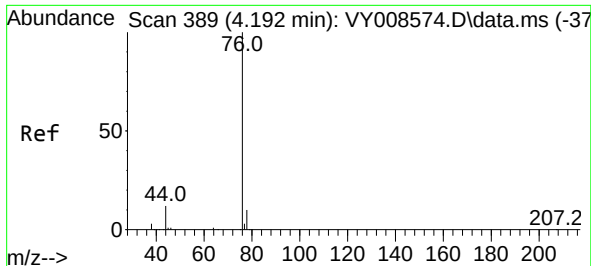
Tgt Ion: 53 Resp: 44767
Ion Ratio Lower Upper
53 100
52 80.1 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 101.925 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 43 Resp: 30922
Ion Ratio Lower Upper
43 100
58 36.2 22.0 33.0#

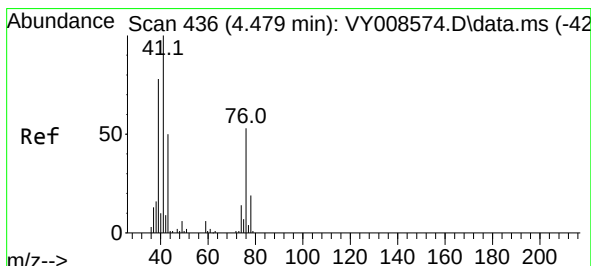
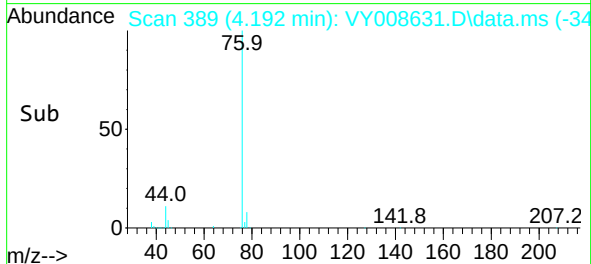
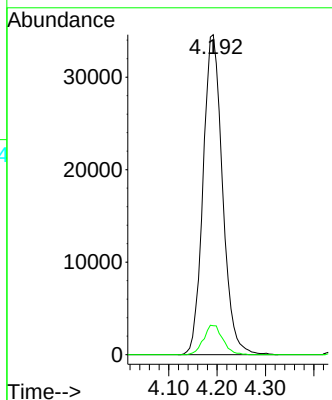
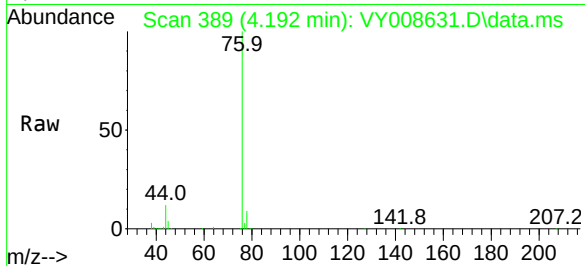




#17
Carbon Disulfide
Concen: 22.323 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

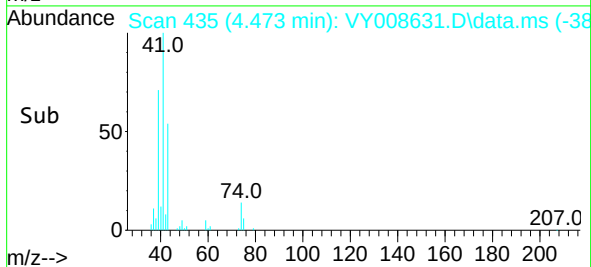
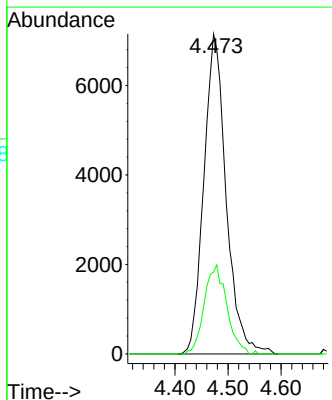
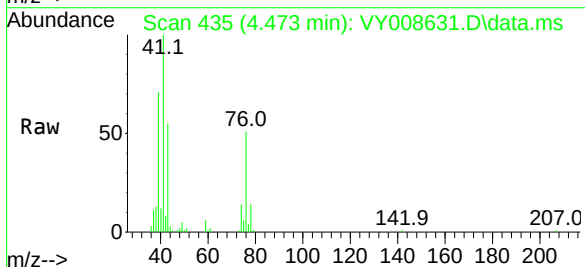
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

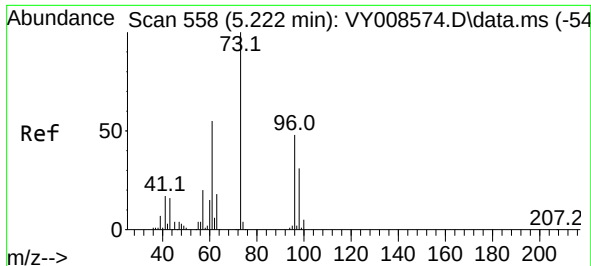
Tgt Ion: 76 Resp: 96492
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 23.224 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 43 Resp: 20907
Ion Ratio Lower Upper
43 100
74 27.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 21.198 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

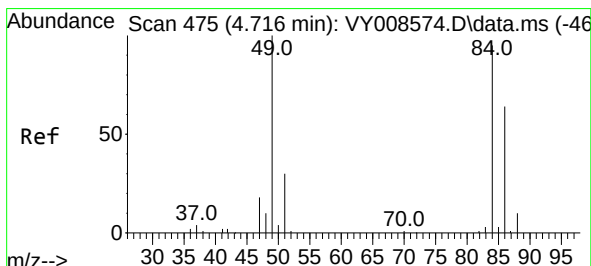
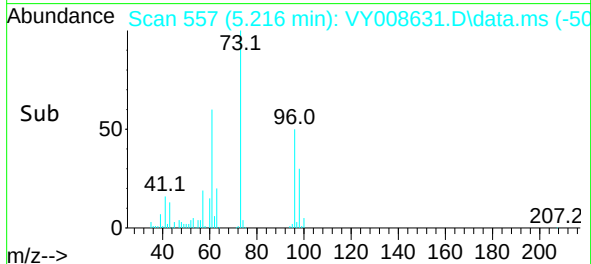
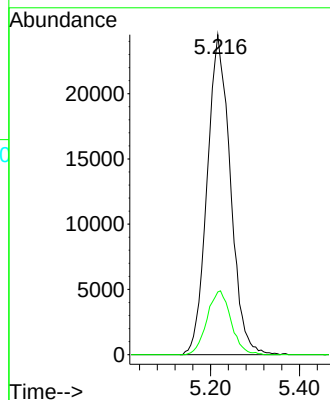
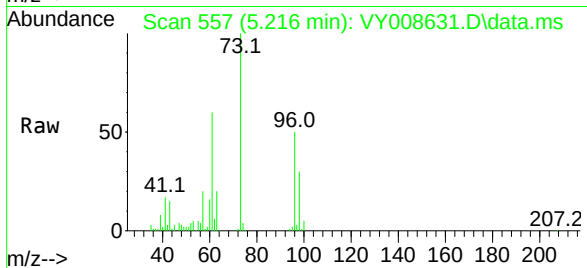
VY0504SBS03

Tgt Ion: 73 Resp: 88865

Ion Ratio Lower Upper

73 100

57 19.6 18.6 27.8



#20

Methylene Chloride

Concen: 28.474 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Tgt Ion: 84 Resp: 56037

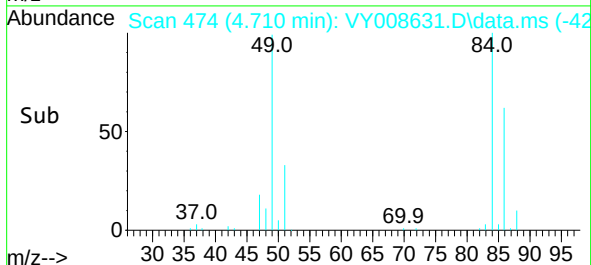
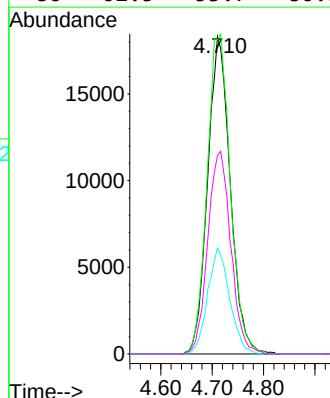
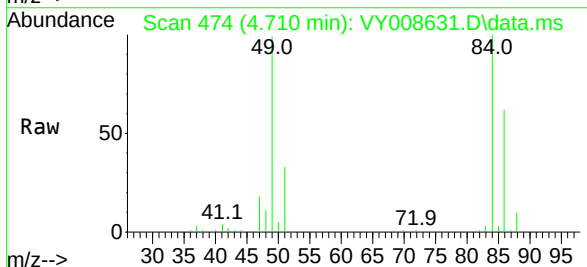
Ion Ratio Lower Upper

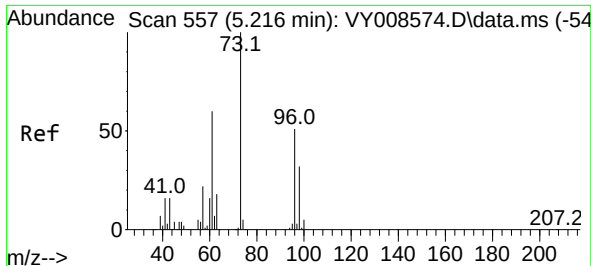
84 100

49 99.0 114.4 171.6#

51 33.4 35.3 52.9#

86 62.5 53.7 80.5

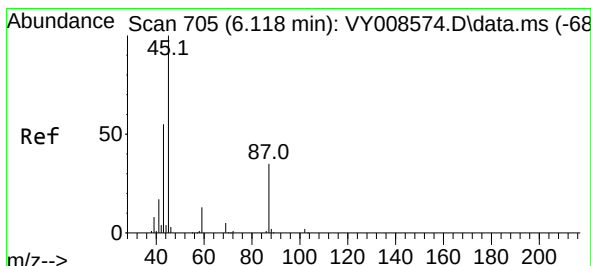
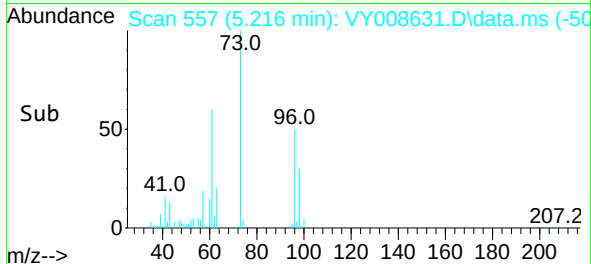
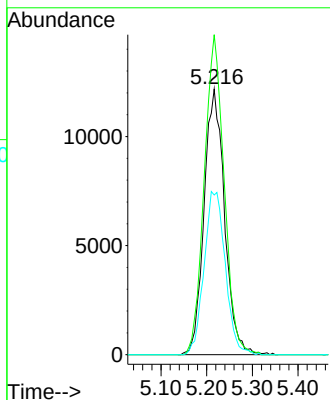
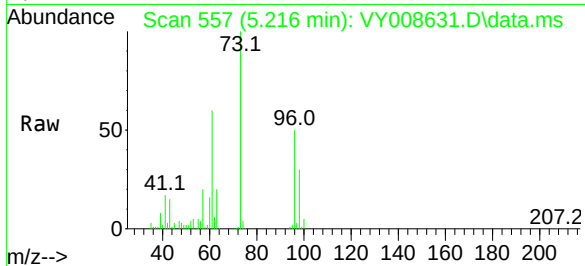




#21
trans-1,2-Dichloroethene
Concen: 21.974 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

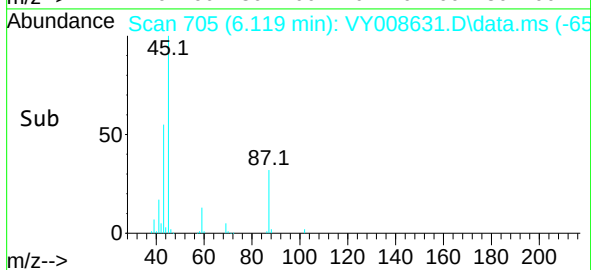
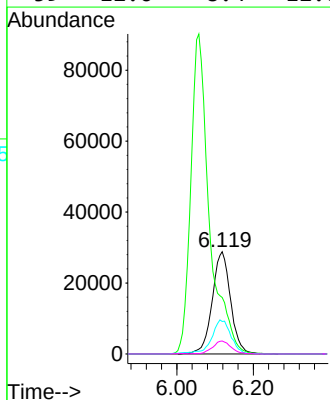
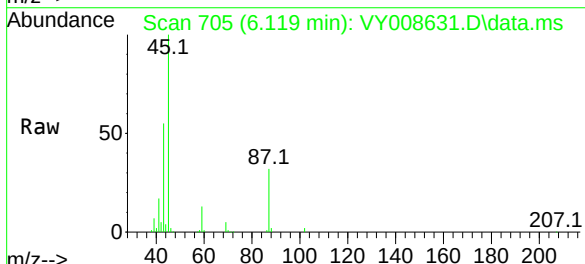
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

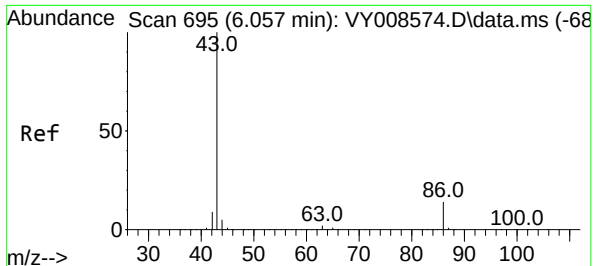
Tgt Ion: 96 Resp: 37949
Ion Ratio Lower Upper
96 100
61 120.5 120.5 180.7
98 60.1 49.8 74.8



#22
Diisopropyl ether
Concen: 22.912 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 45 Resp: 96269
Ion Ratio Lower Upper
45 100
43 54.9 49.3 73.9
87 31.8 19.2 28.8#
59 12.6 8.4 12.6#

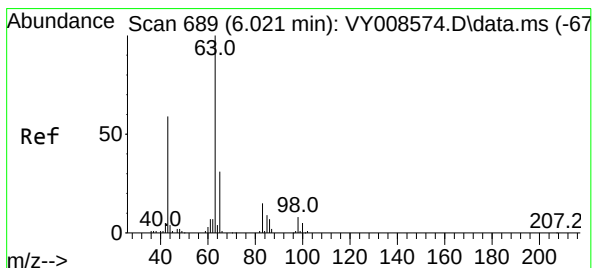
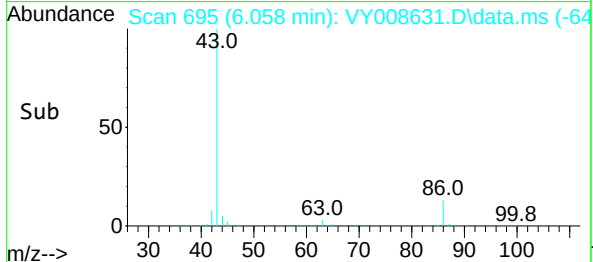
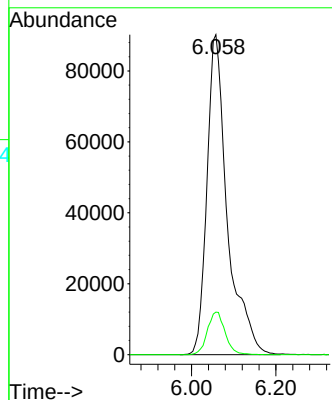
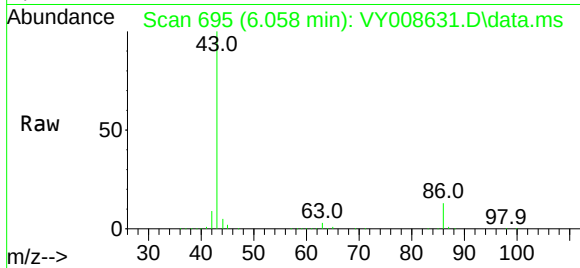




#23
 Vinyl Acetate
 Concen: 110.769 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008631.D
 Acq: 04 May 2022 23:43

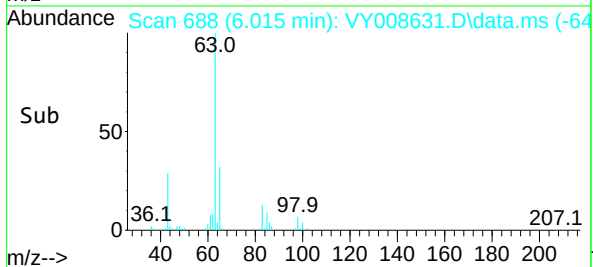
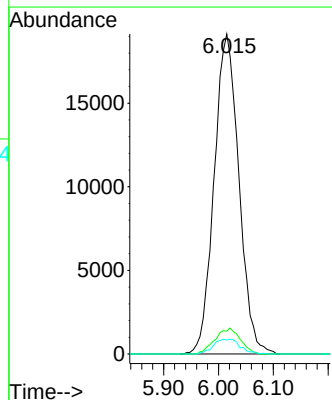
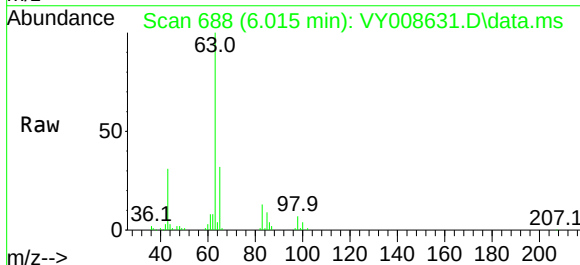
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS03

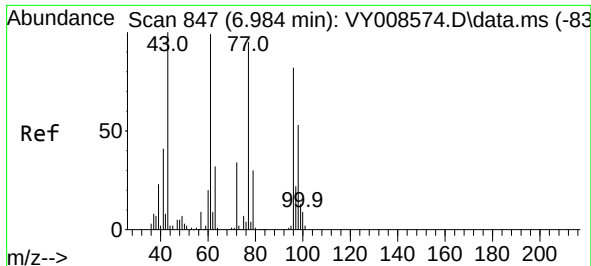
Tgt Ion: 43 Resp: 303937
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.660 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008631.D
 Acq: 04 May 2022 23:43

Tgt Ion: 63 Resp: 60015
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 106.913 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

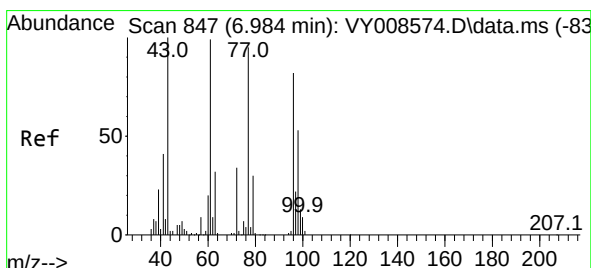
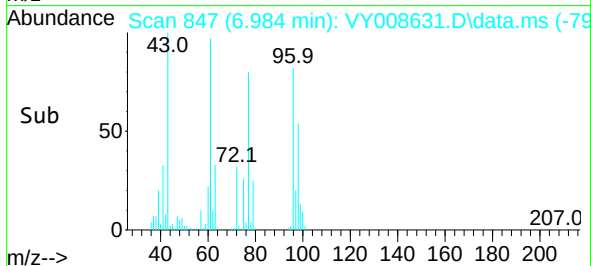
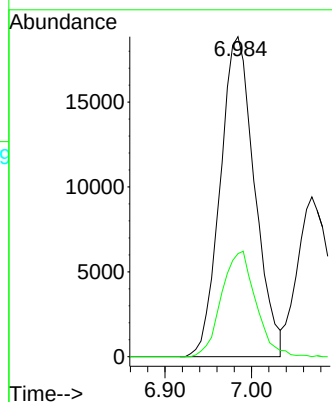
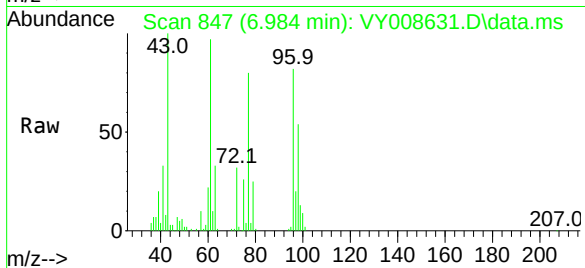
VY0504SBS03

Tgt Ion: 43 Resp: 52064

Ion Ratio Lower Upper

43 100

72 32.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 18.622 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008631.D

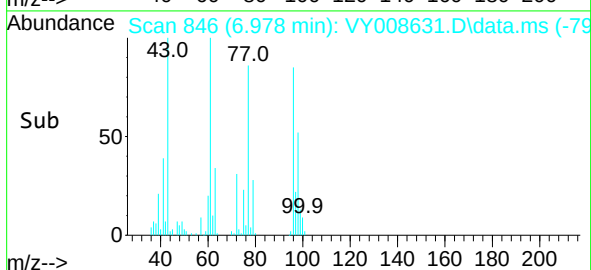
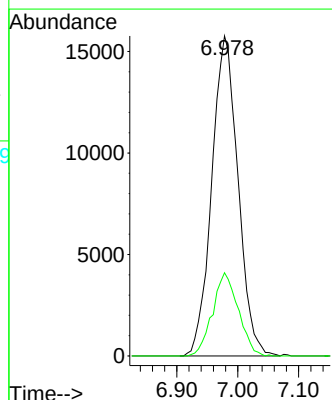
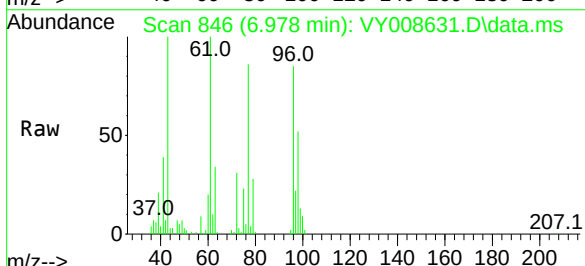
Acq: 04 May 2022 23:43

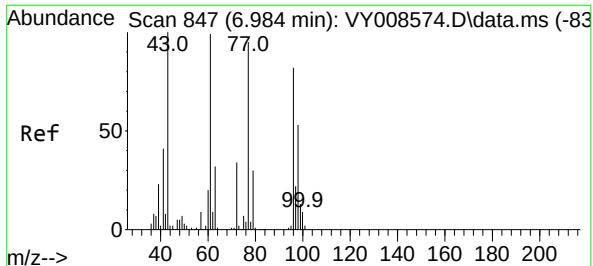
Tgt Ion: 77 Resp: 47238

Ion Ratio Lower Upper

77 100

97 25.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 21.631 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

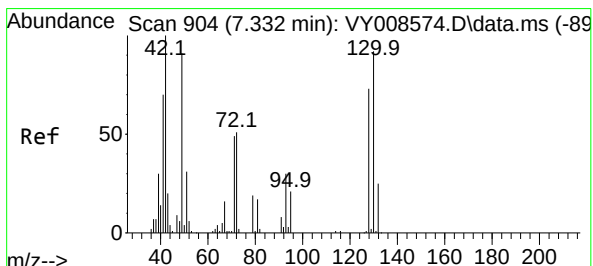
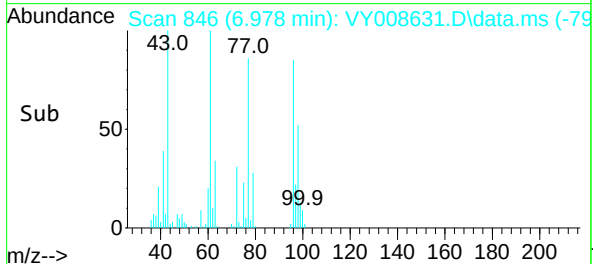
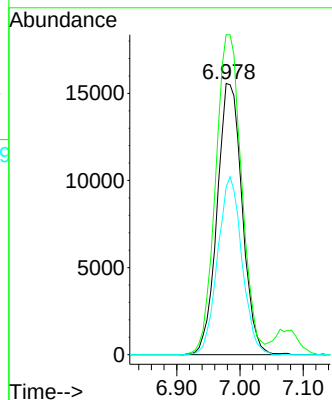
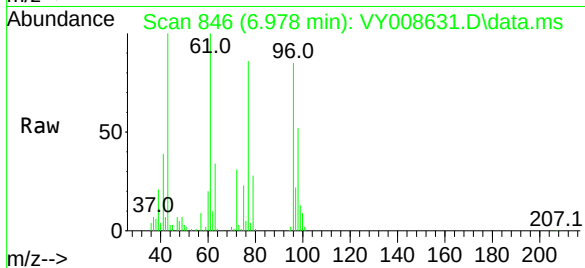
Tgt Ion: 96 Resp: 42753

Ion Ratio Lower Upper

96 100

61 122.5 0.0 319.8

98 63.6 0.0 127.0



#28

Bromochloromethane

Concen: 20.094 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

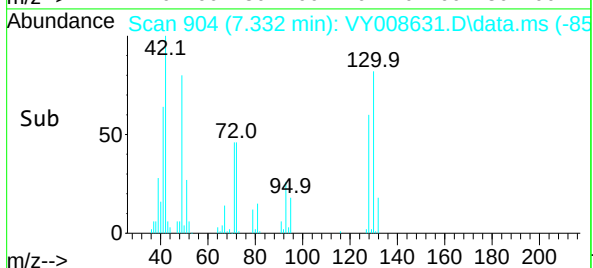
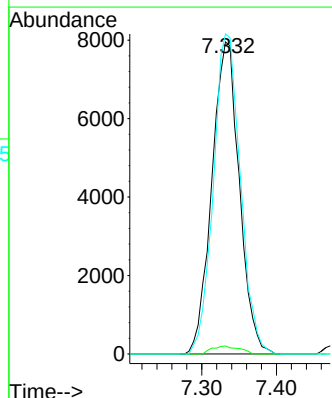
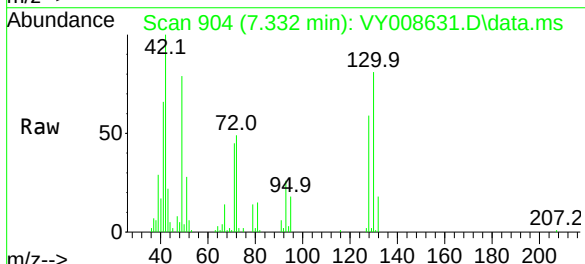
Tgt Ion: 49 Resp: 20349

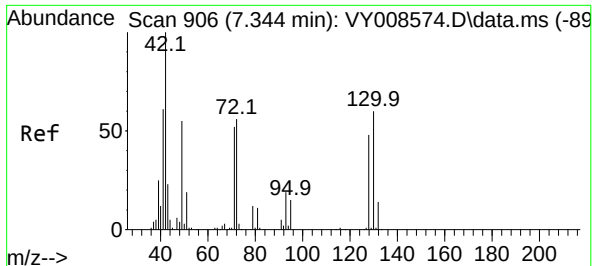
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 100.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 110.262 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

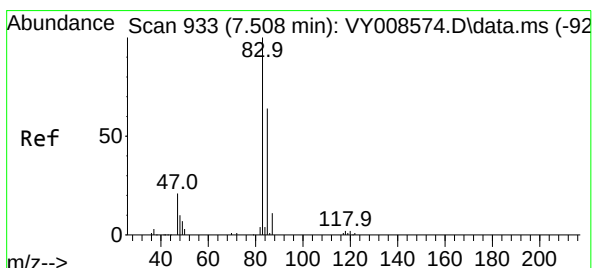
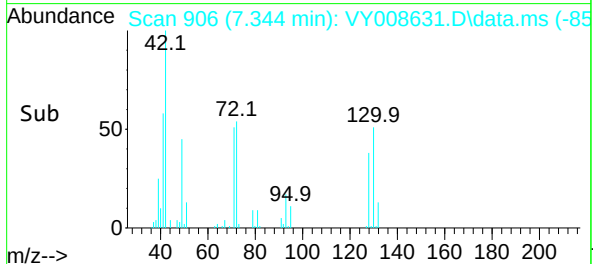
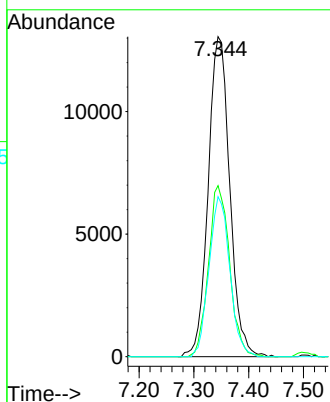
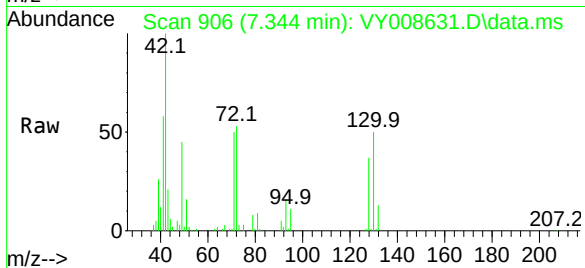
Tgt Ion: 42 Resp: 35613

Ion Ratio Lower Upper

42 100

72 52.4 30.3 45.5#

71 48.3 29.0 43.4#



#30

Chloroform

Concen: 21.562 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008631.D

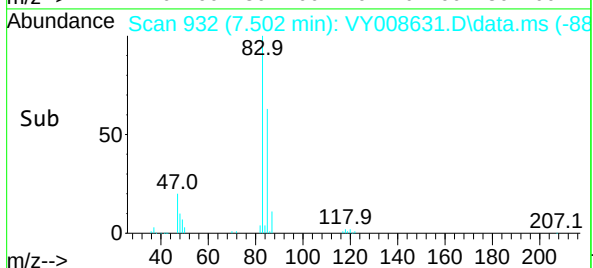
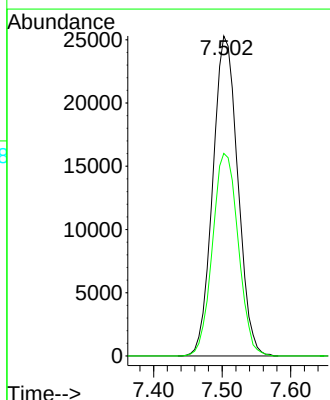
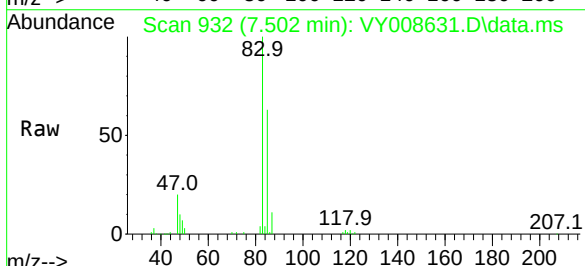
Acq: 04 May 2022 23:43

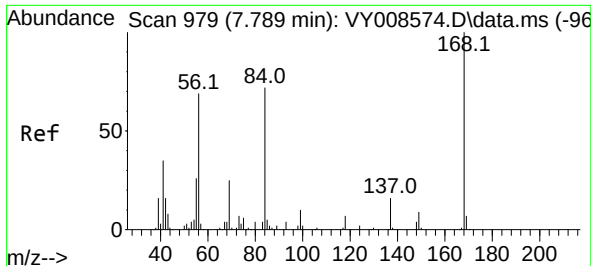
Tgt Ion: 83 Resp: 63986

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

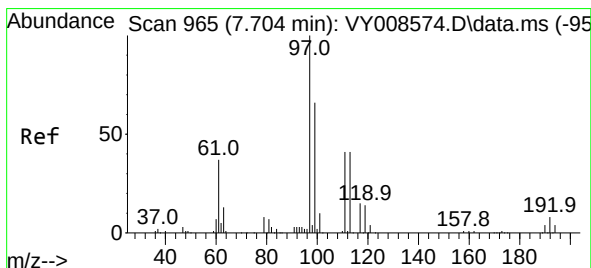
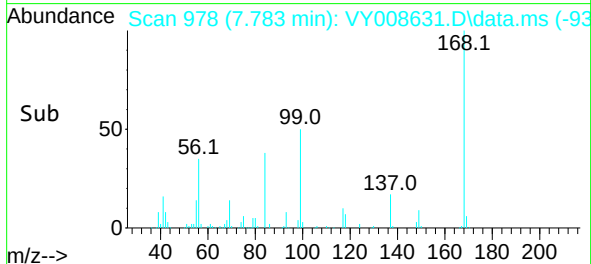
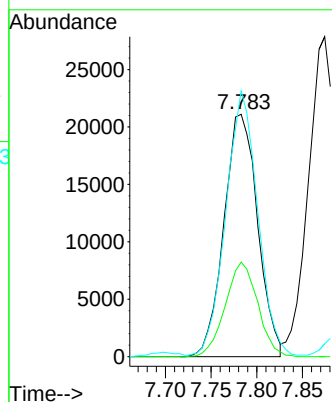
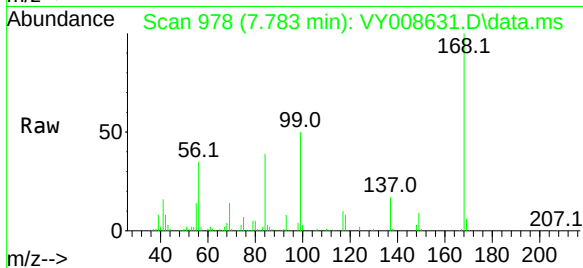




#31
Cyclohexane
Concen: 22.319 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

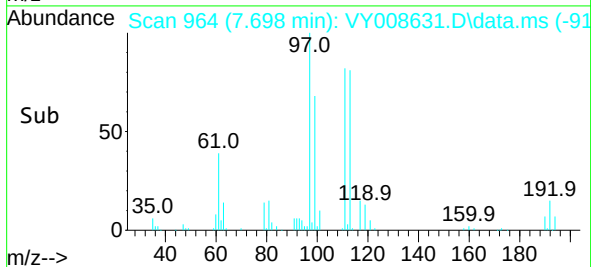
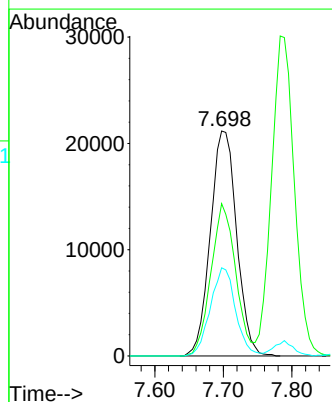
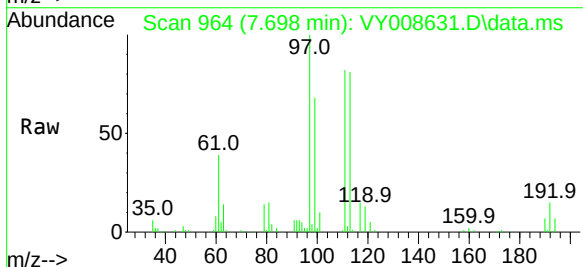
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

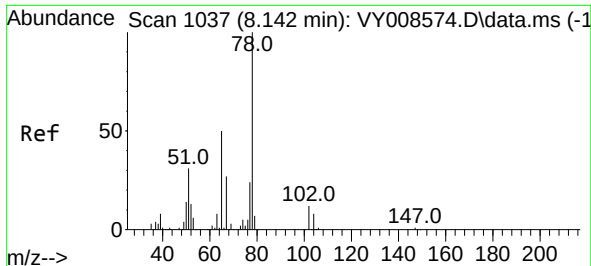
Tgt Ion: 56 Resp: 54243
Ion Ratio Lower Upper
56 100
69 39.0 26.7 40.1
84 108.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 20.668 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 97 Resp: 56259
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 37.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.627 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

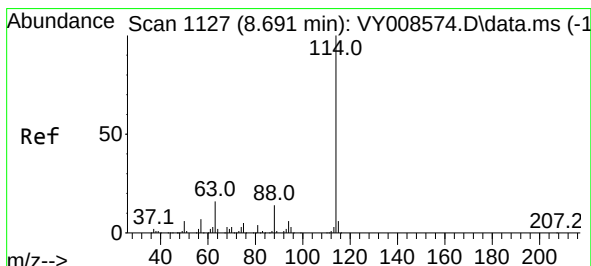
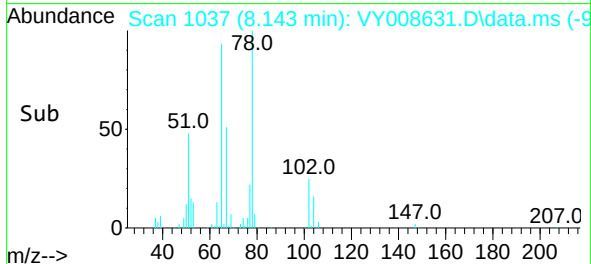
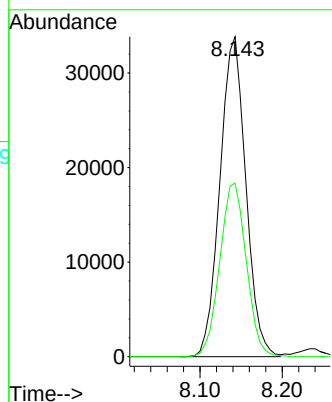
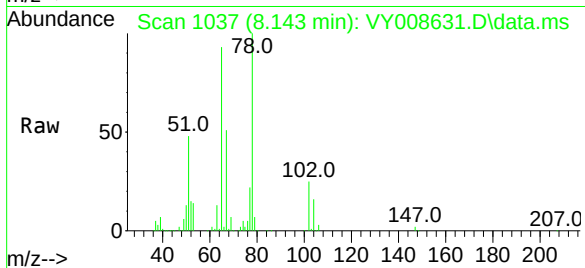
VY0504SBS03

Tgt Ion: 65 Resp: 74101

Ion Ratio Lower Upper

65 100

67 55.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

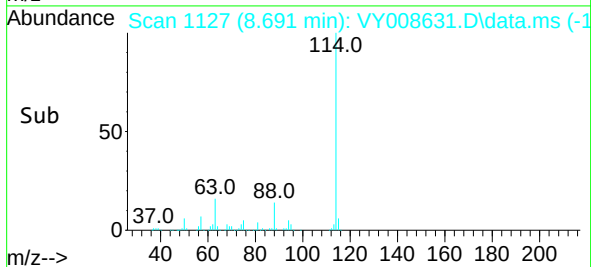
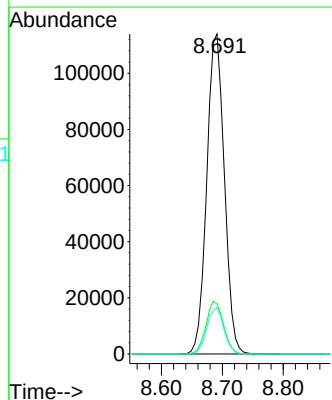
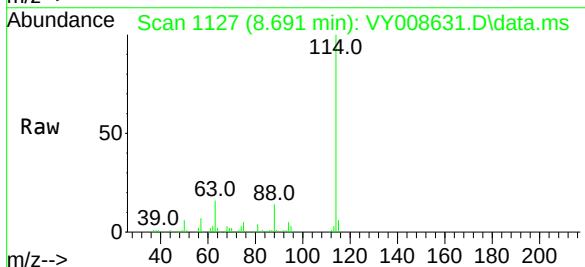
Tgt Ion: 114 Resp: 228319

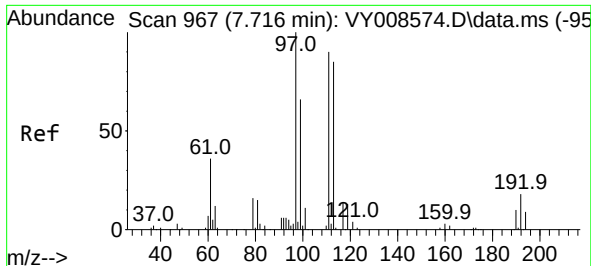
Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 14.5 0.0 31.8

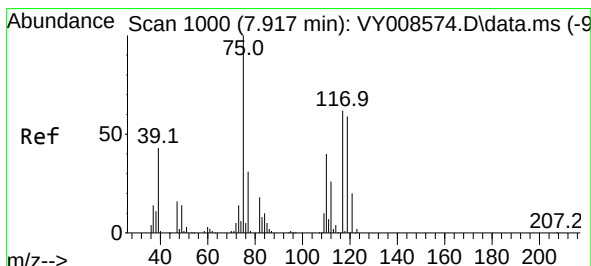
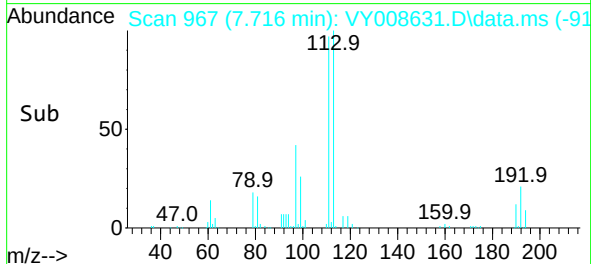
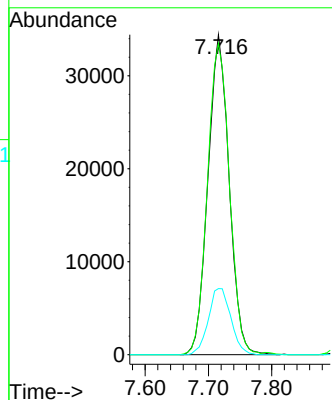
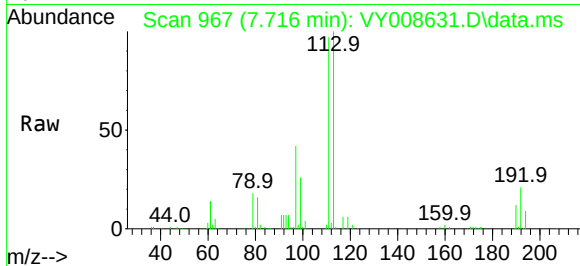




#35
Dibromofluoromethane
Concen: 52.923 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

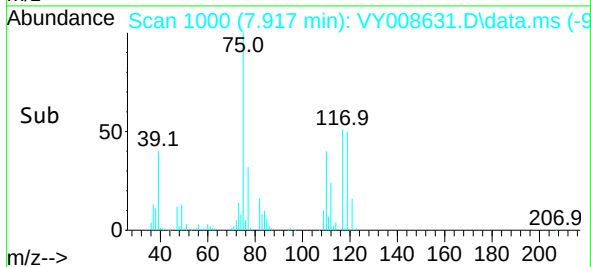
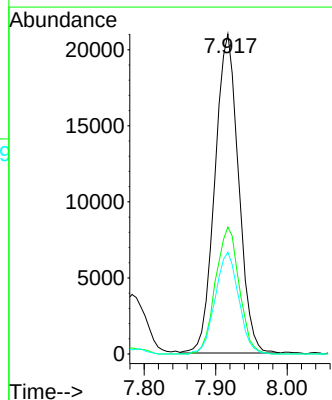
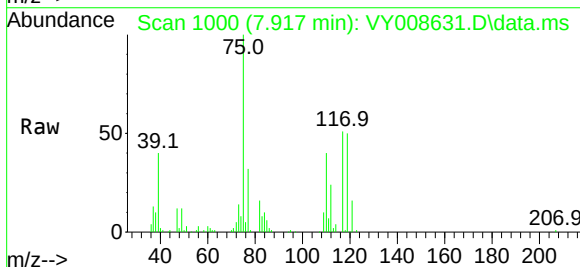
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

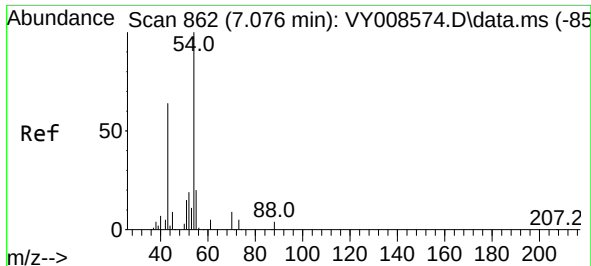
Tgt Ion:113 Resp: 79955
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.516 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 75 Resp: 48197
Ion Ratio Lower Upper
75 100
110 39.7 17.1 51.2
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 20.778 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

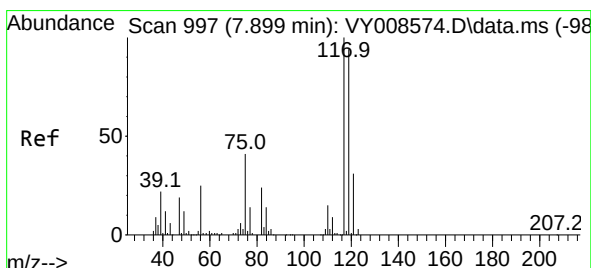
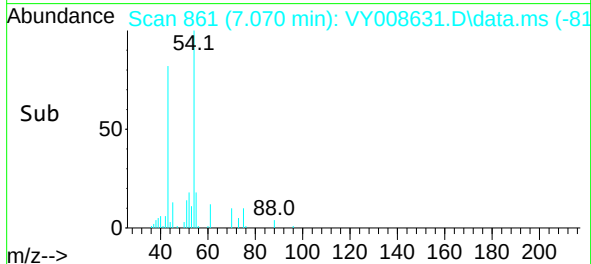
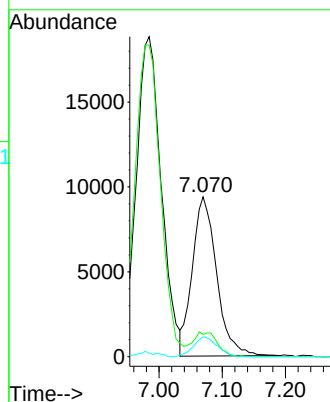
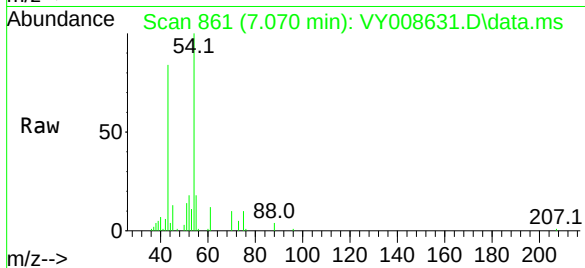
Tgt Ion: 43 Resp: 25033

Ion Ratio Lower Upper

43 100

61 15.9 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.359 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

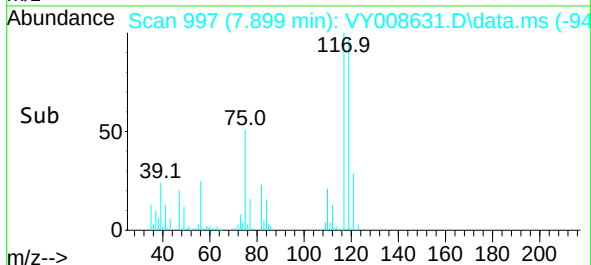
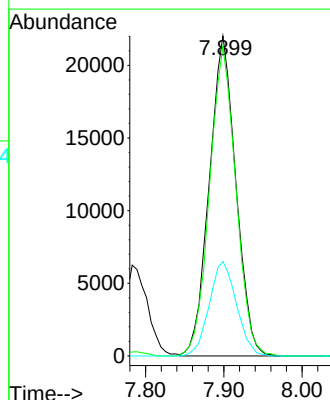
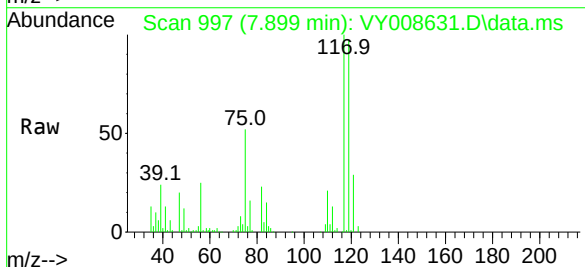
Tgt Ion: 117 Resp: 51885

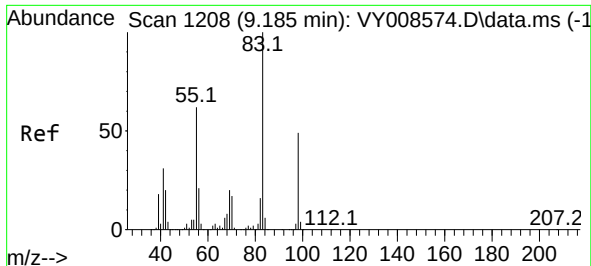
Ion Ratio Lower Upper

117 100

119 96.8 77.9 116.9

121 29.5 24.8 37.2





#39

Methylcyclohexane

Concen: 20.418 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

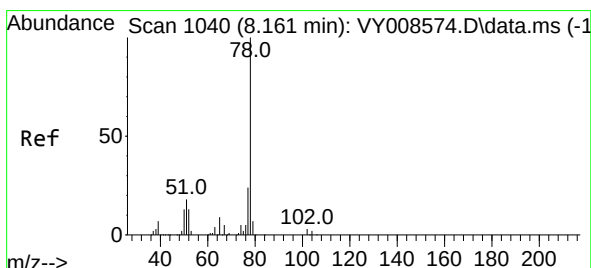
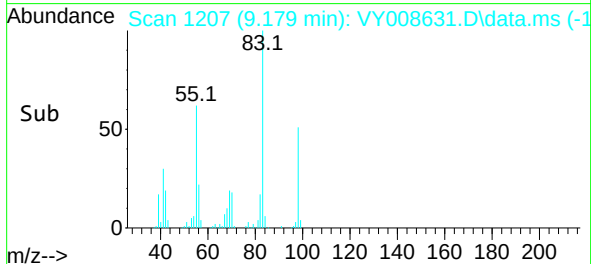
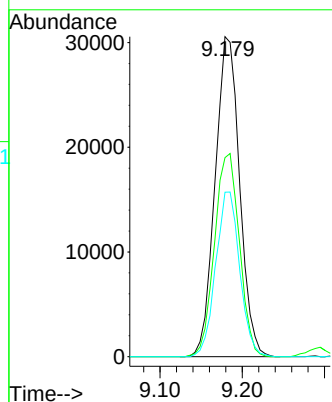
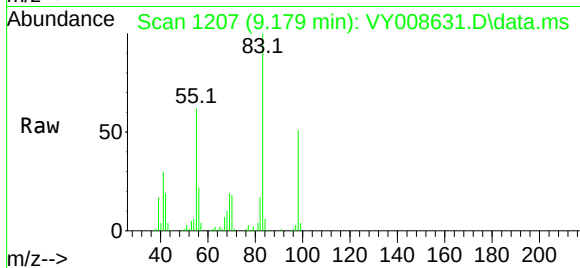
Tgt Ion: 83 Resp: 63275

Ion Ratio Lower Upper

83 100

55 62.2 66.5 99.7#

98 51.4 37.9 56.9



#40

Benzene

Concen: 21.658 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008631.D

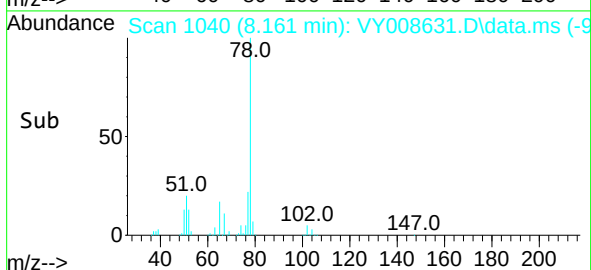
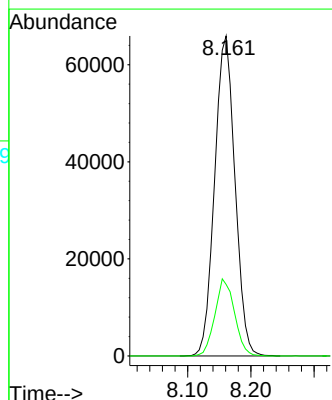
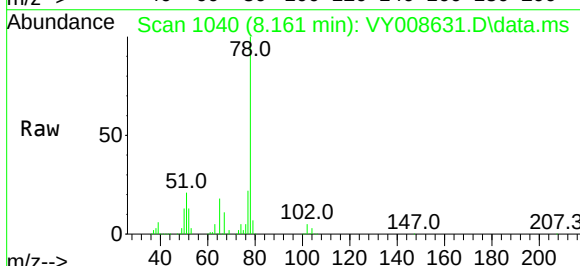
Acq: 04 May 2022 23:43

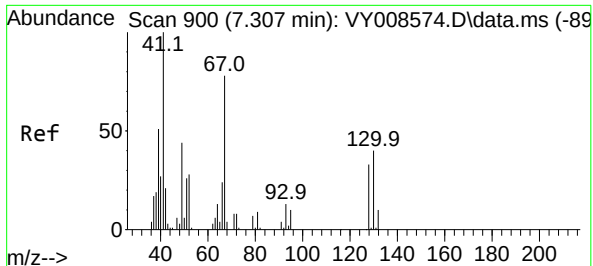
Tgt Ion: 78 Resp: 146966

Ion Ratio Lower Upper

78 100

77 22.4 20.4 30.6

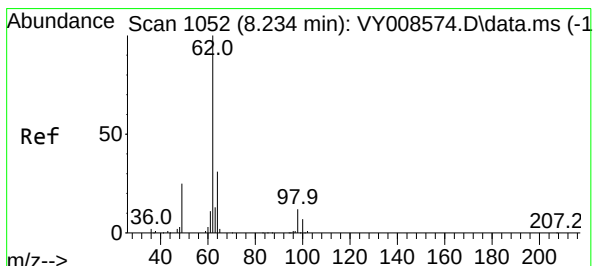
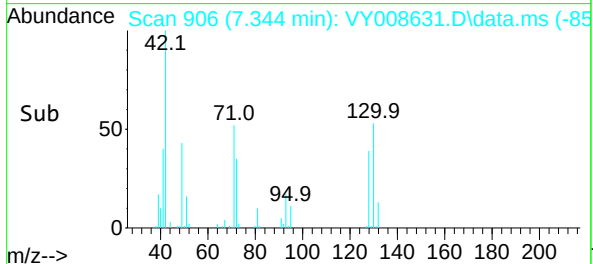
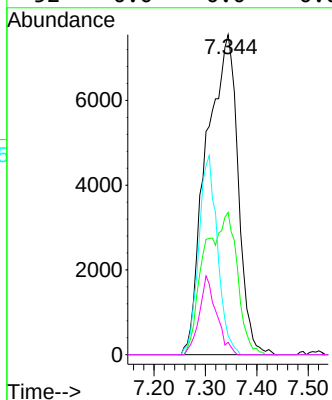
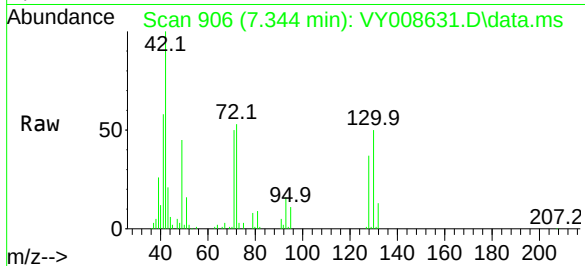




#41
Methacrylonitrile
Concen: 61.055 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

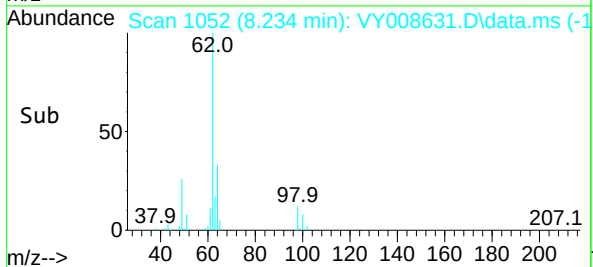
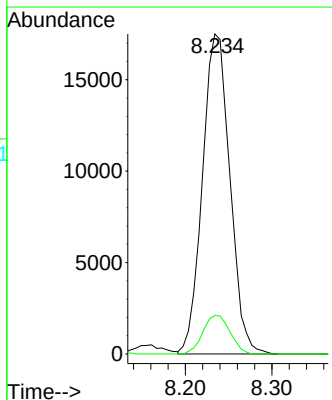
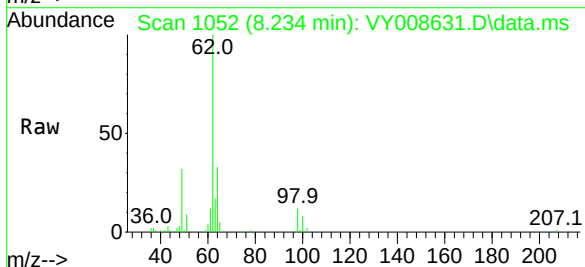
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

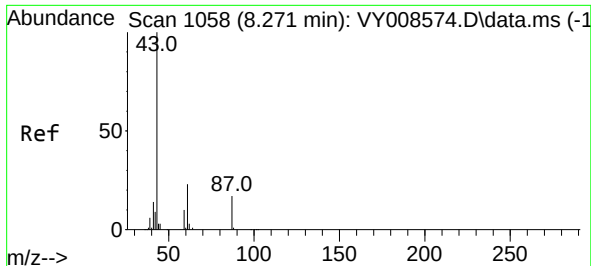
Tgt Ion: 41 Resp: 32271
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.644 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 62 Resp: 38582
Ion Ratio Lower Upper
62 100
98 11.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.809 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

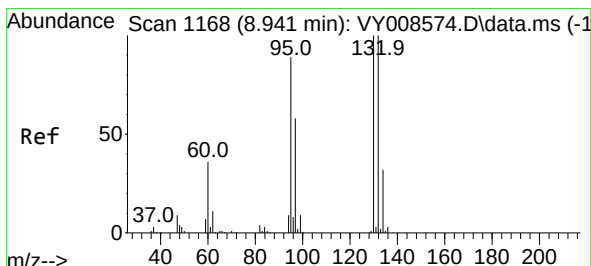
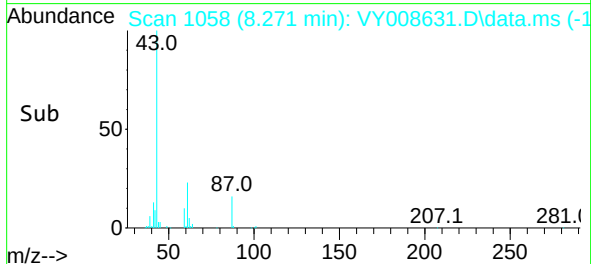
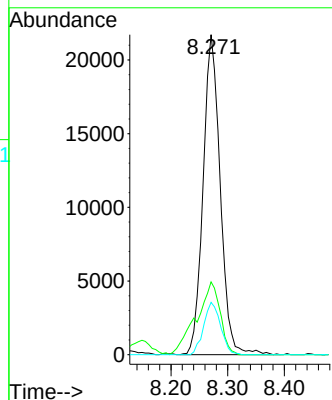
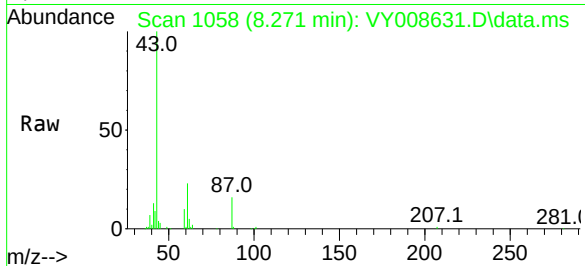
Tgt Ion: 43 Resp: 45614

Ion Ratio Lower Upper

43 100

61 31.5 20.2 30.2#

87 16.1 8.9 13.3#



#44

Trichloroethene

Concen: 19.927 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008631.D

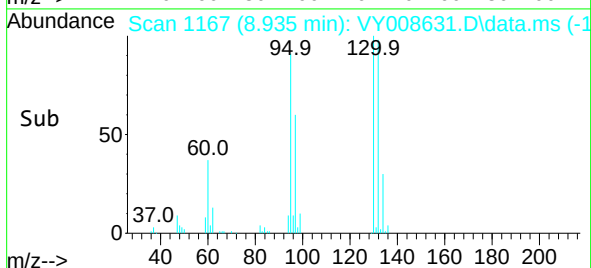
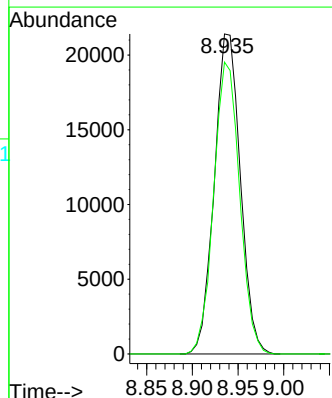
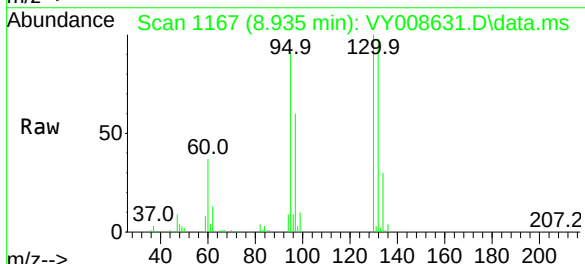
Acq: 04 May 2022 23:43

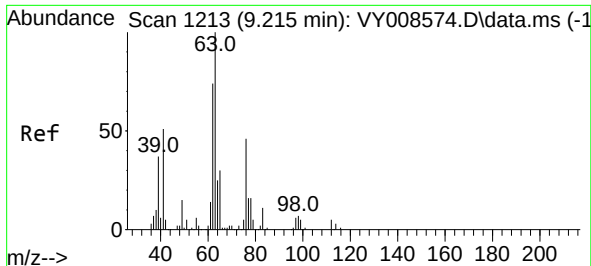
Tgt Ion:130 Resp: 42416

Ion Ratio Lower Upper

130 100

95 91.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 22.384 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

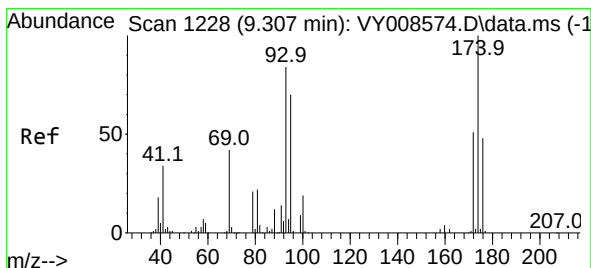
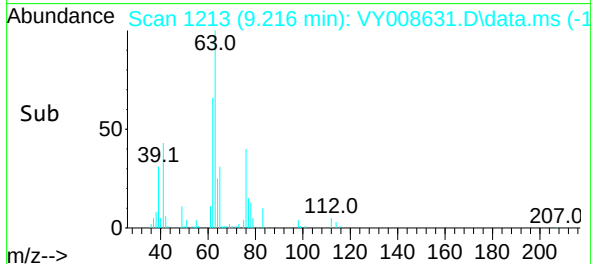
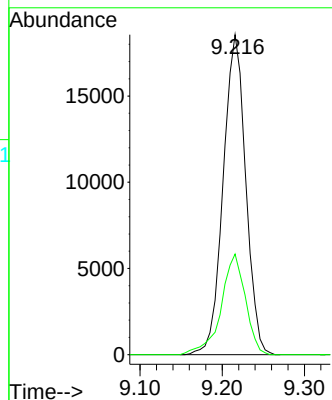
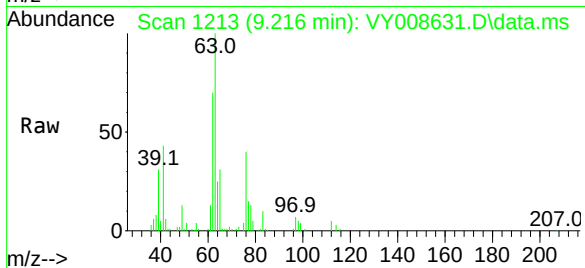
VY0504SBS03

Tgt Ion: 63 Resp: 35435

Ion Ratio Lower Upper

63 100

65 31.5 23.0 34.6



#46

Dibromomethane

Concen: 19.530 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

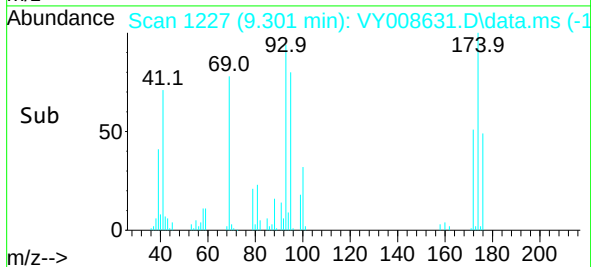
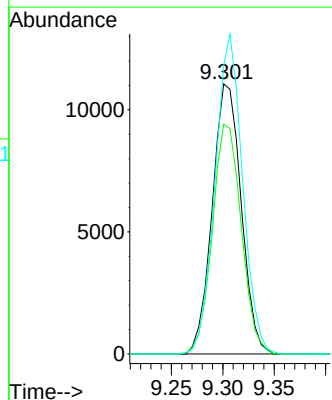
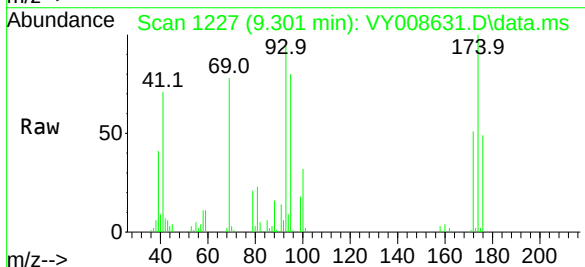
Tgt Ion: 93 Resp: 21583

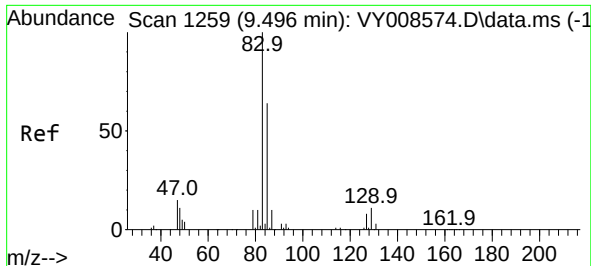
Ion Ratio Lower Upper

93 100

95 85.1 64.3 96.5

174 112.7 83.4 125.0

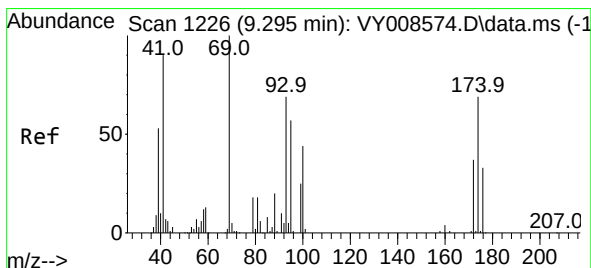
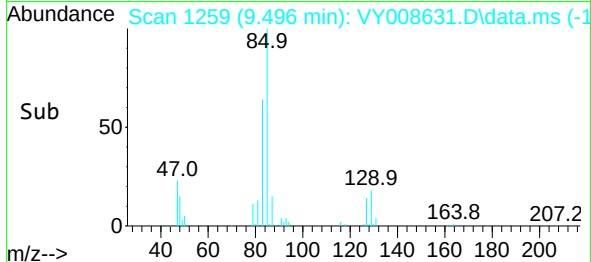
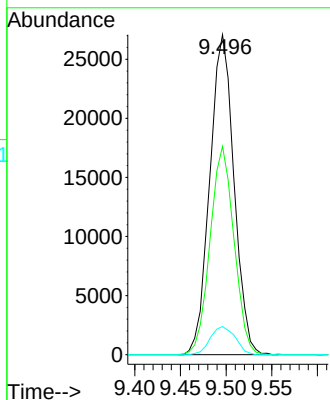
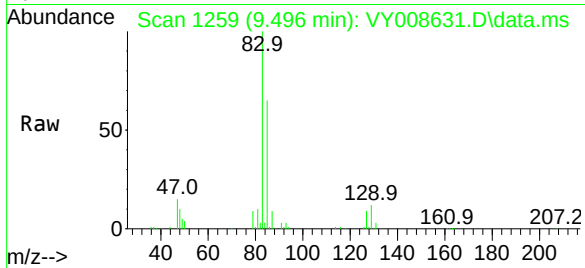




#47
Bromodichloromethane
Concen: 20.716 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

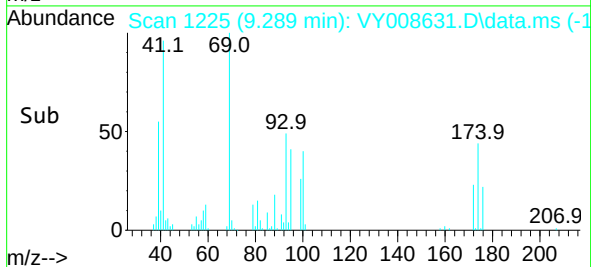
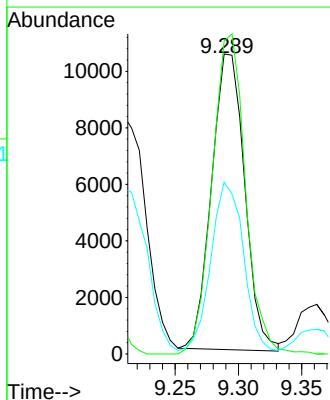
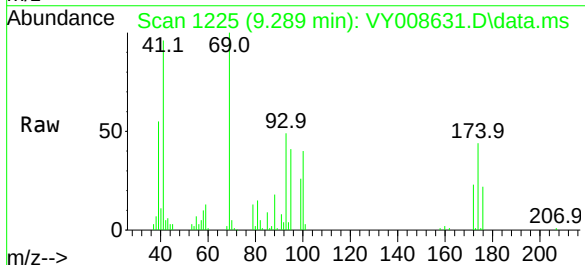
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

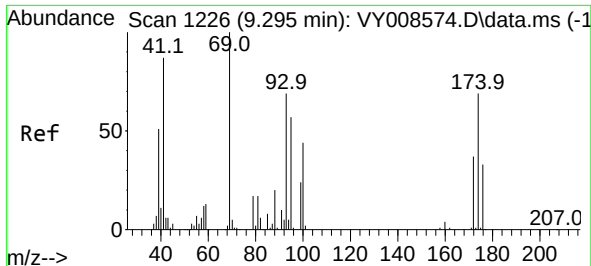
Tgt Ion: 83 Resp: 49882
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 19.763 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 41 Resp: 19042
Ion Ratio Lower Upper
41 100
69 108.4 58.2 87.2#
39 56.1 47.4 71.0





#49

1,4-Dioxane

Concen: 408.432 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

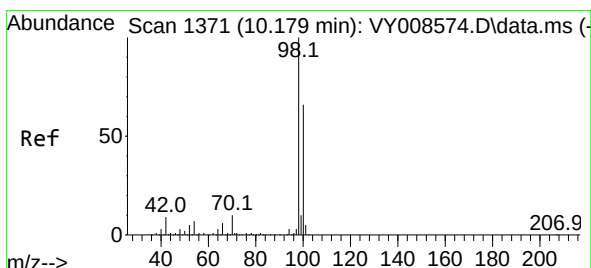
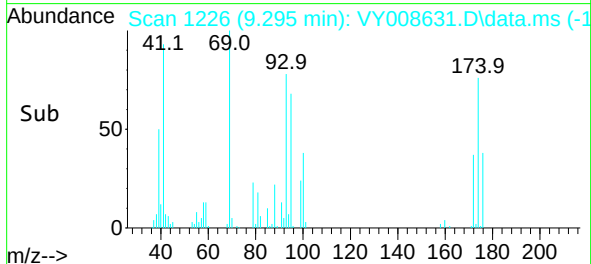
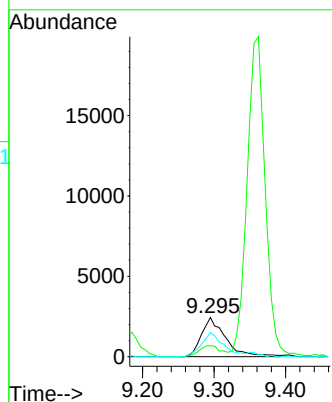
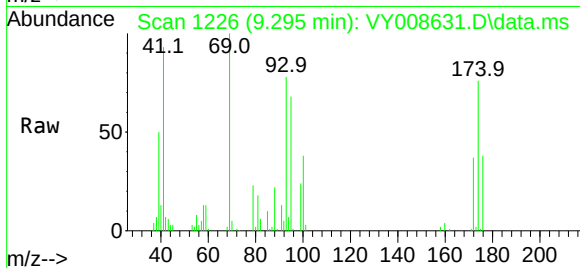
Tgt Ion: 88 Resp: 5723

Ion Ratio Lower Upper

88 100

43 25.5 32.8 49.2#

58 56.6 59.8 89.6#



#50

Toluene-d8

Concen: 54.041 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008631.D

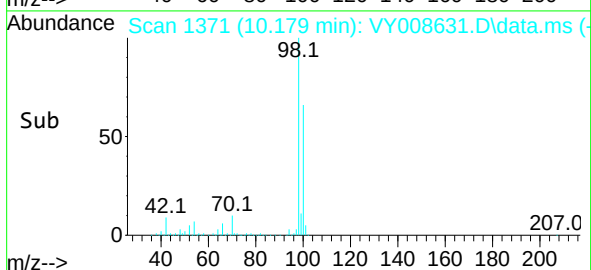
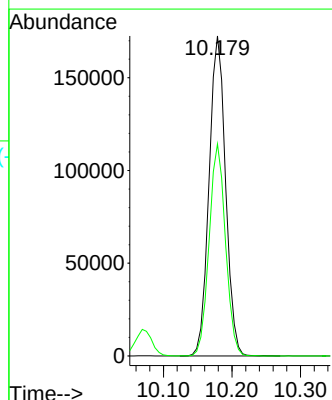
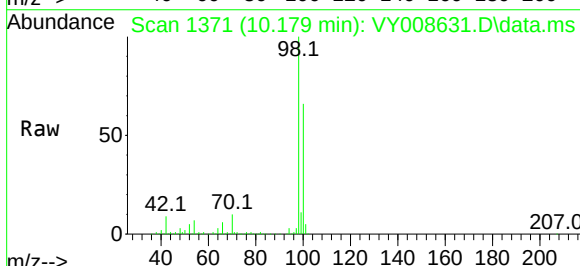
Acq: 04 May 2022 23:43

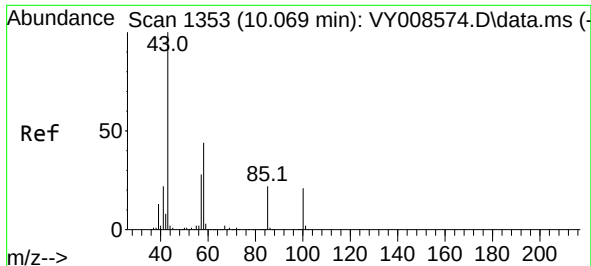
Tgt Ion: 98 Resp: 289249

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

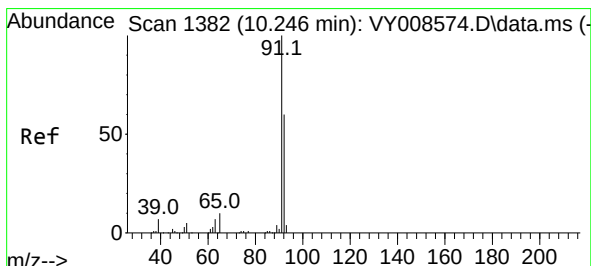
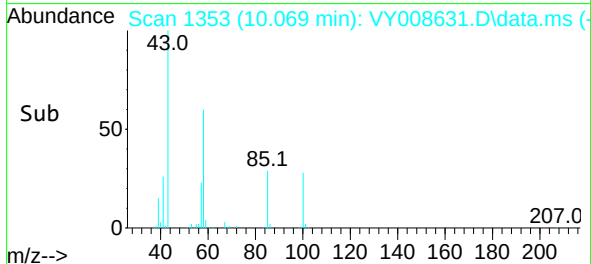
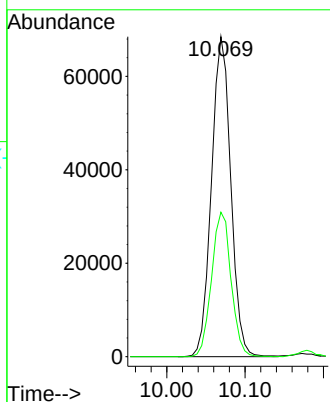
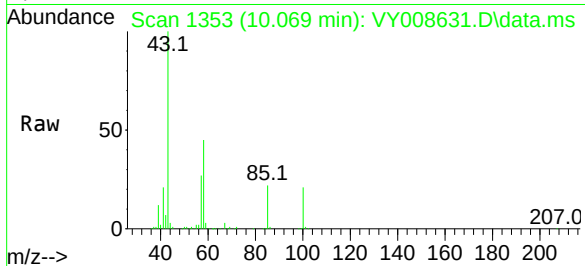




#51
4-Methyl-2-Pentanone
Concen: 102.050 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

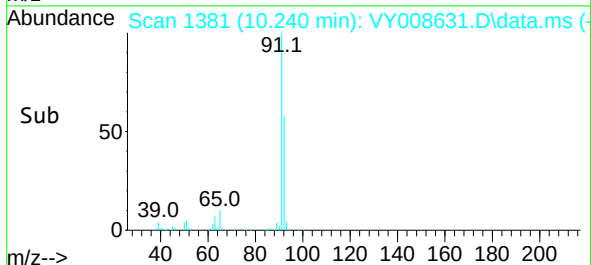
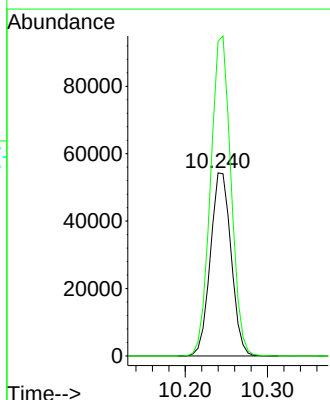
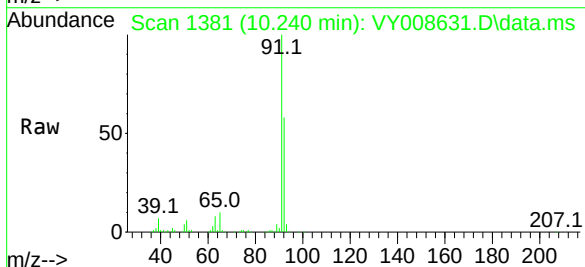
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

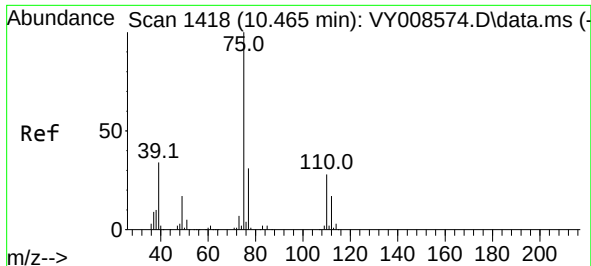
Tgt Ion: 43 Resp: 117415
Ion Ratio Lower Upper
43 100
58 45.6 28.1 42.1#



#52
Toluene
Concen: 20.952 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 92 Resp: 95031
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

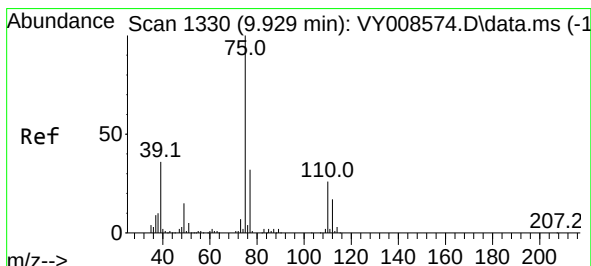
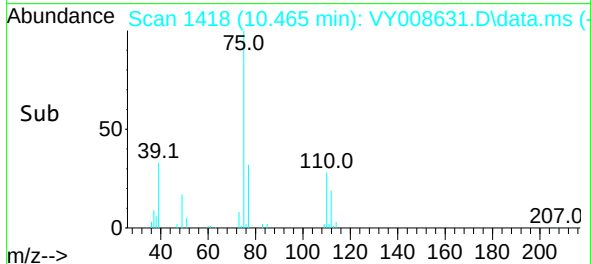
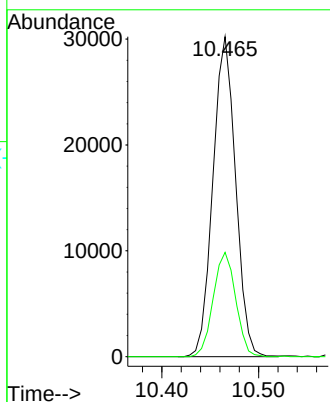
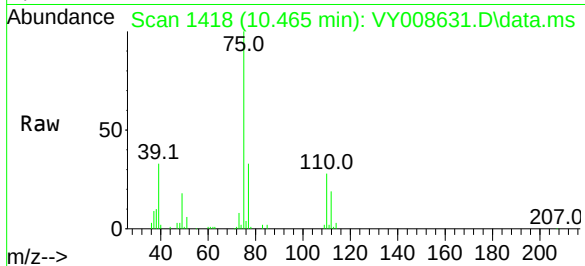




#53
 t-1,3-Dichloropropene
 Concen: 19.316 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008631.D
 Acq: 04 May 2022 23:43

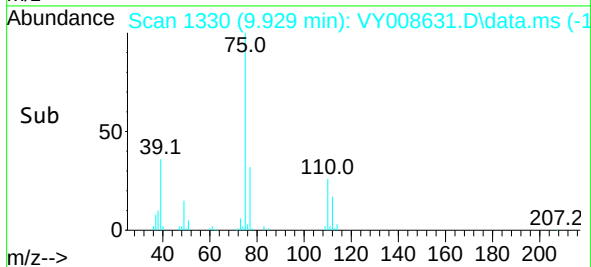
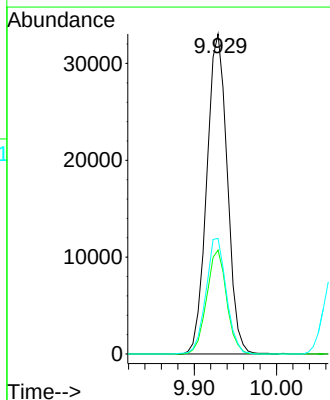
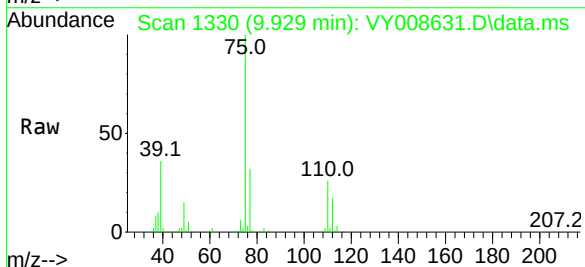
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS03

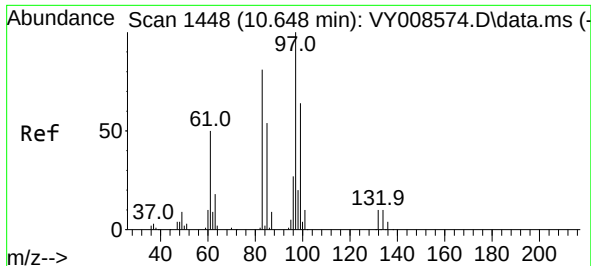
Tgt Ion: 75 Resp: 49171
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.224 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008631.D
 Acq: 04 May 2022 23:43

Tgt Ion: 75 Resp: 57196
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 36.1 47.6 71.4#

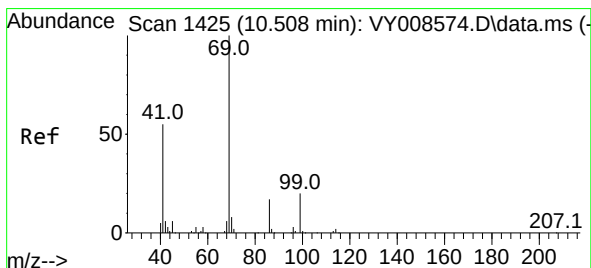
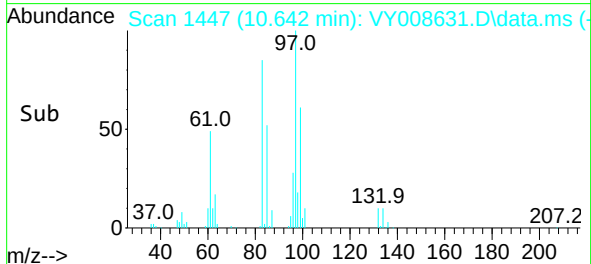
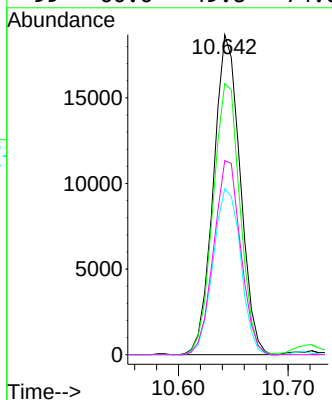
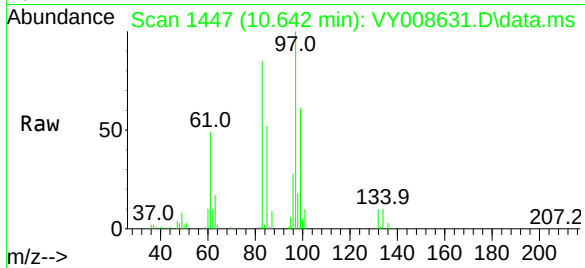




#55
1,1,2-Trichloroethane
Concen: 20.514 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

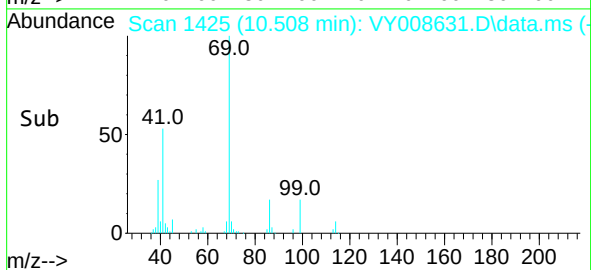
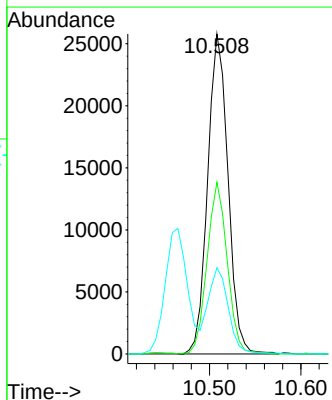
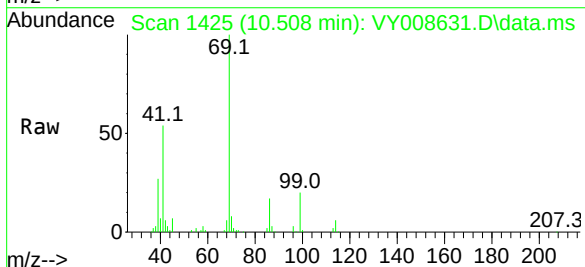
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

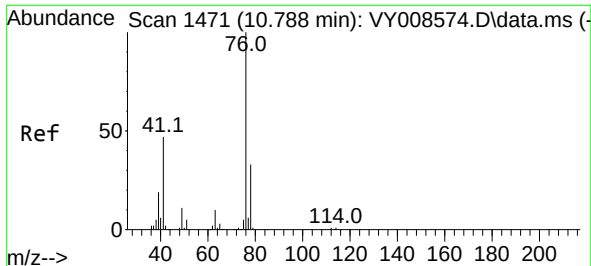
Tgt Ion:	97	Resp:	31591
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	51.8	44.3	66.5
99	60.6	49.8	74.6



#56
Ethyl methacrylate
Concen: 20.494 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion:	69	Resp:	39867
Ion	Ratio	Lower	Upper
69	100		
41	53.2	63.4	95.0#
39	26.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.788 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

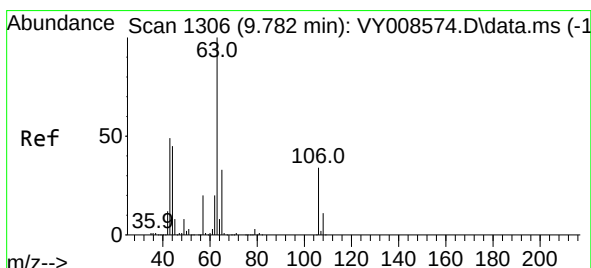
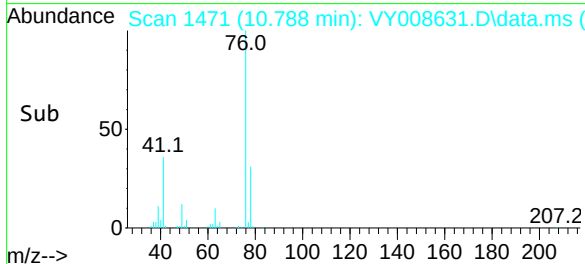
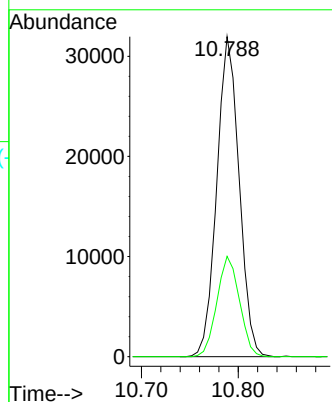
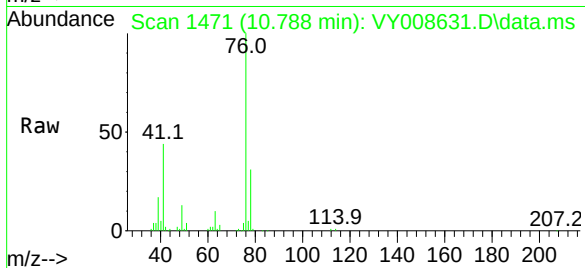
VY0504SBS03

Tgt Ion: 76 Resp: 51104

Ion Ratio Lower Upper

76 100

78 31.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.038 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008631.D

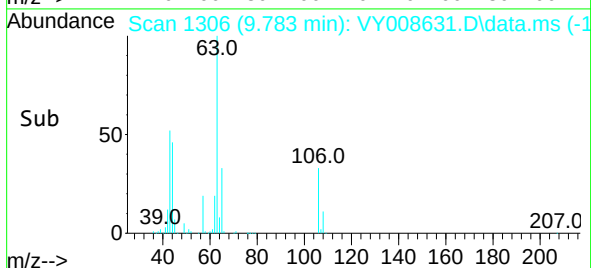
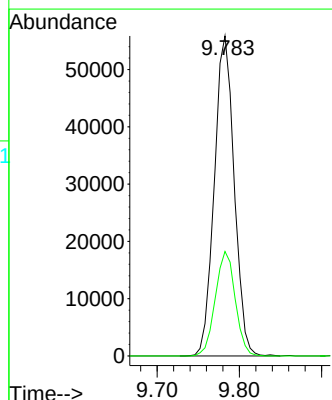
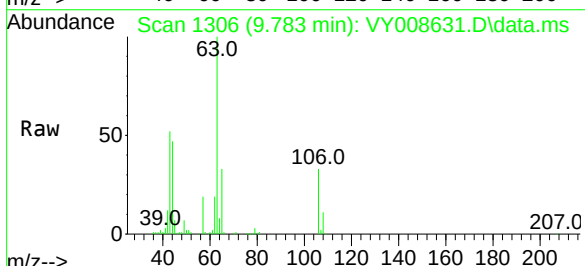
Acq: 04 May 2022 23:43

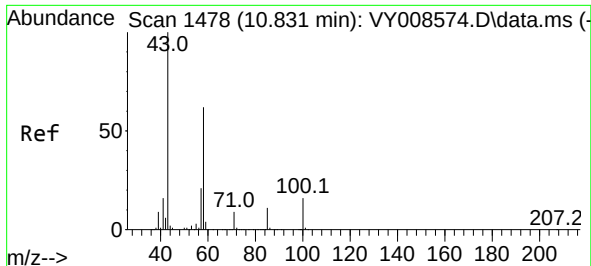
Tgt Ion: 63 Resp: 93836

Ion Ratio Lower Upper

63 100

106 32.7 21.5 32.3#

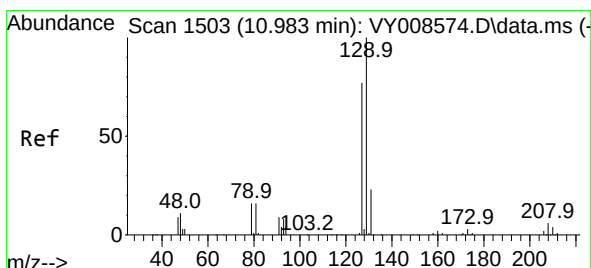
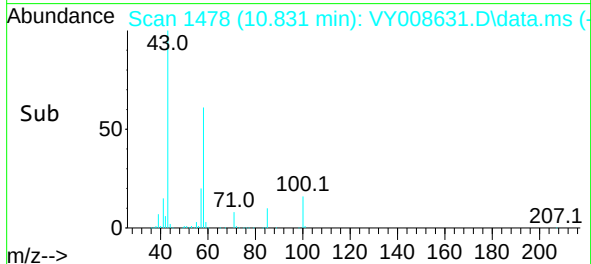
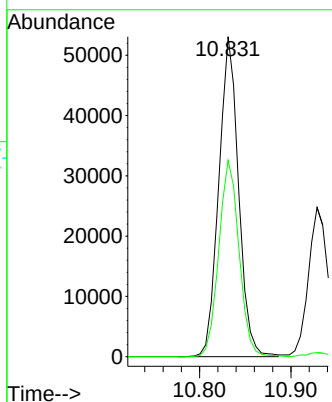
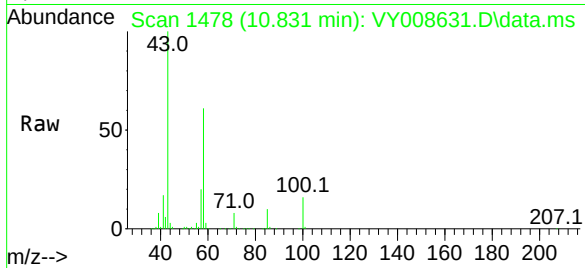




#59
2-Hexanone
Concen: 101.872 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

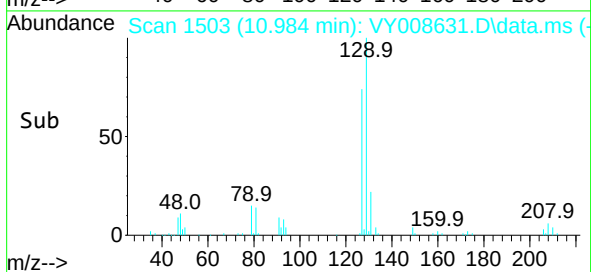
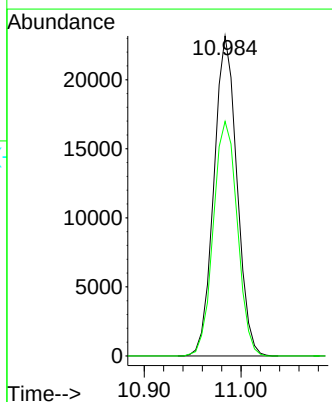
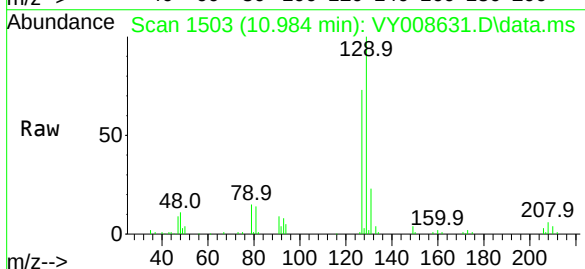
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

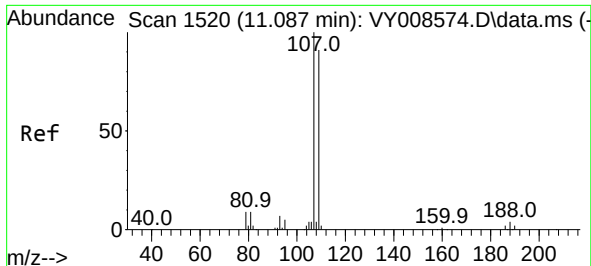
Tgt Ion: 43 Resp: 79822
Ion Ratio Lower Upper
43 100
58 62.8 24.4 73.4



#60
Dibromochloromethane
Concen: 19.849 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 129 Resp: 38235
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

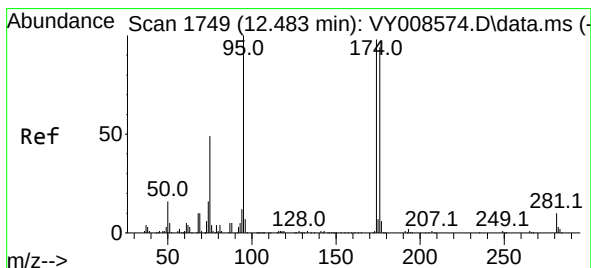
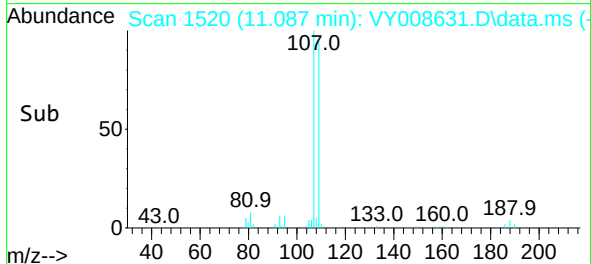
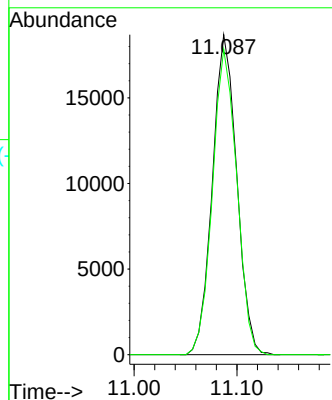
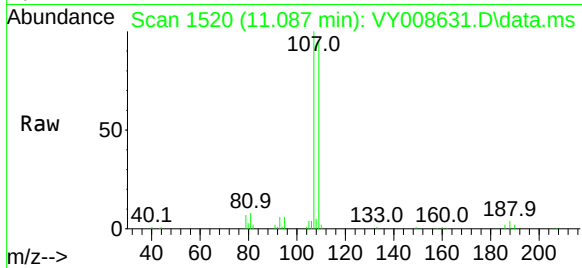




#61
1,2-Dibromoethane
Concen: 19.734 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

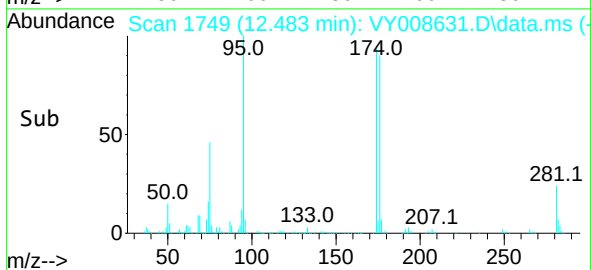
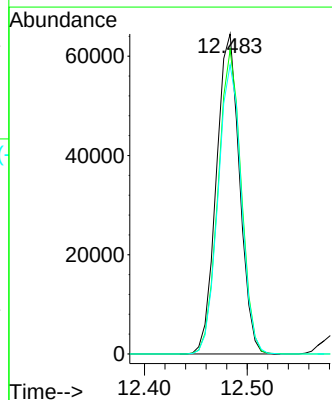
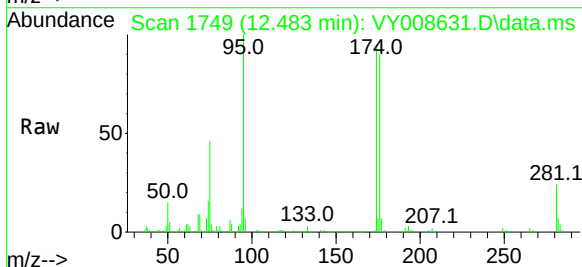
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

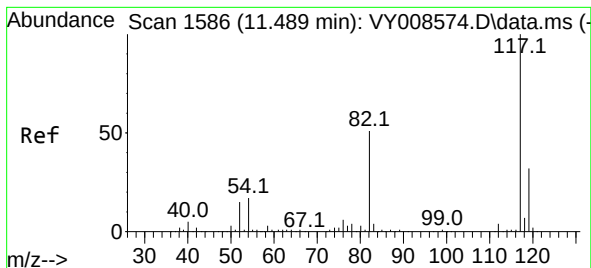
Tgt Ion:107 Resp: 30756
Ion Ratio Lower Upper
107 100
109 95.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 95 Resp: 100848
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 90.9 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: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

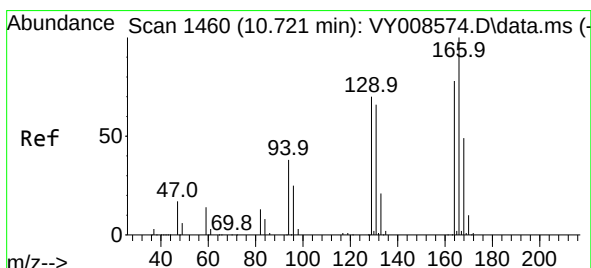
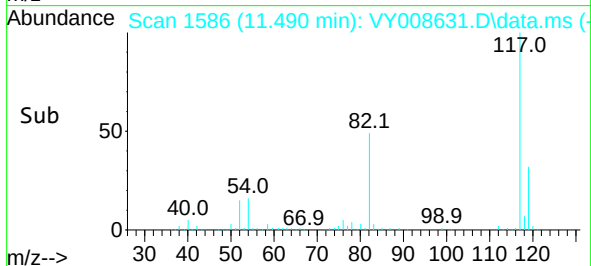
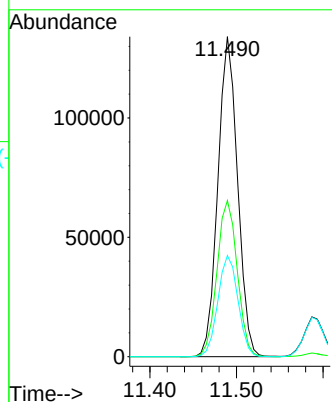
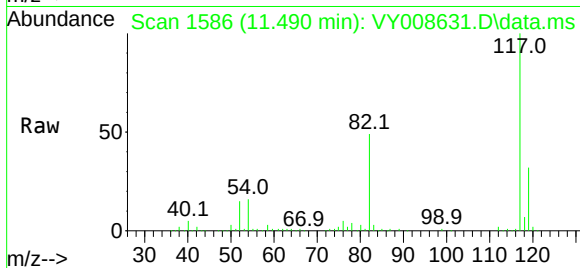
Tgt Ion:117 Resp: 211510

Ion Ratio Lower Upper

117 100

82 48.8 43.0 64.4

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 20.226 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Tgt Ion:164 Resp: 39026

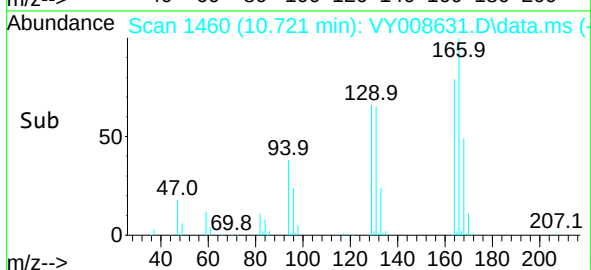
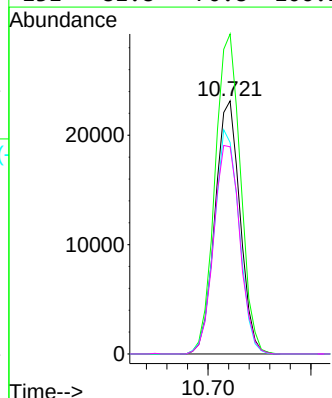
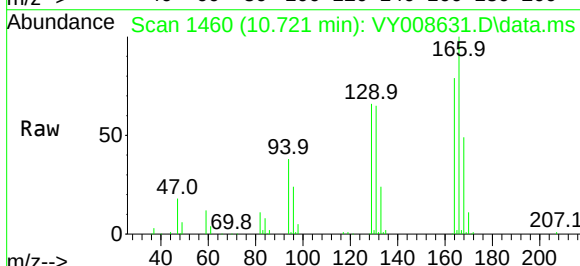
Ion Ratio Lower Upper

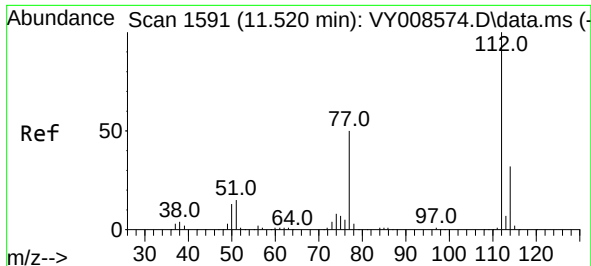
164 100

166 126.4 100.4 150.6

129 83.6 71.4 107.0

131 81.8 70.8 106.2

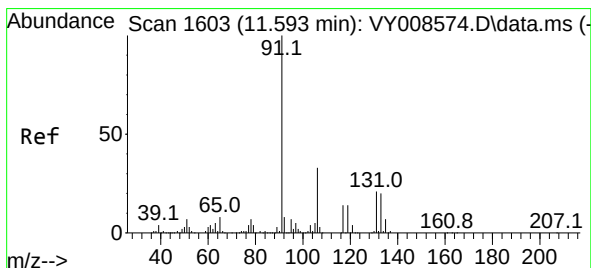
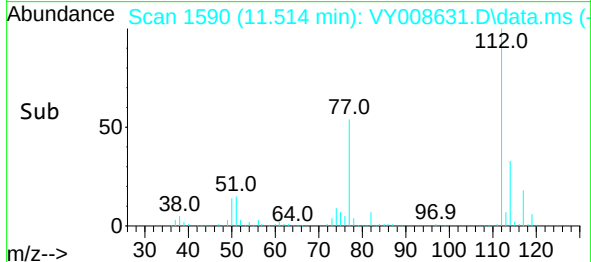
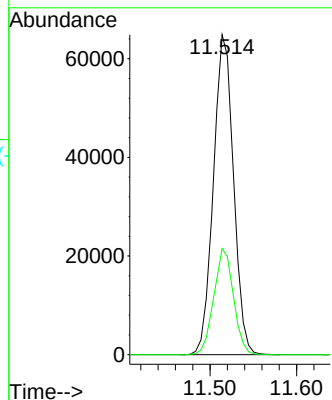
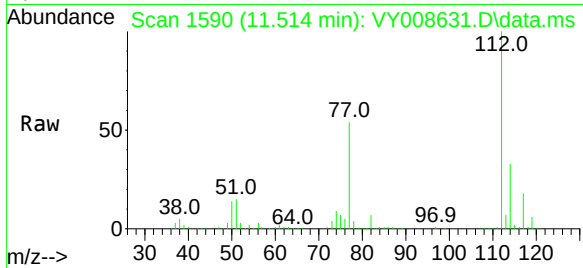




#65
Chlorobenzene
Concen: 20.515 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

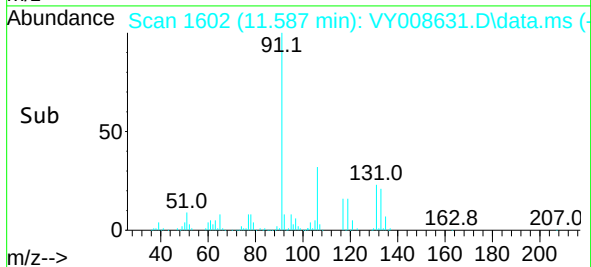
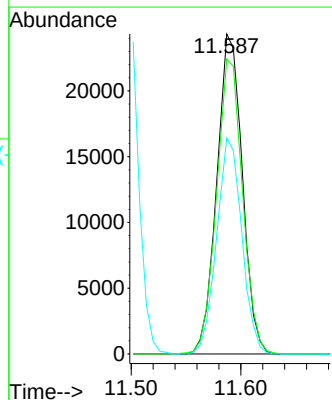
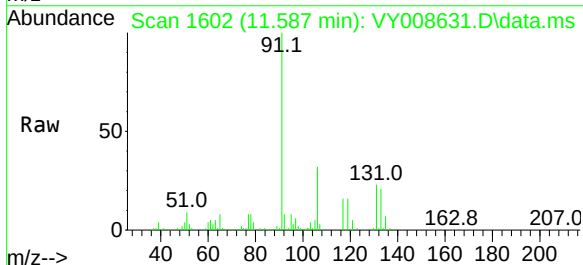
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

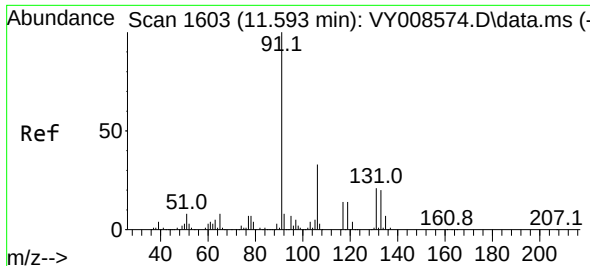
Tgt Ion:112 Resp: 104520
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.443 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion:131 Resp: 39321
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 66.6 30.8 92.3

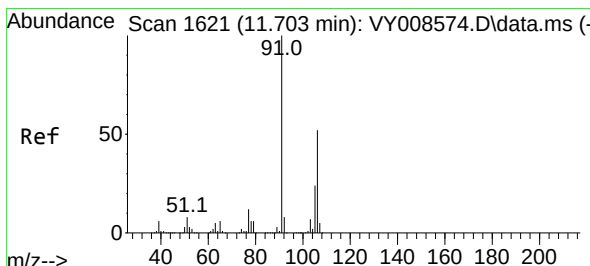
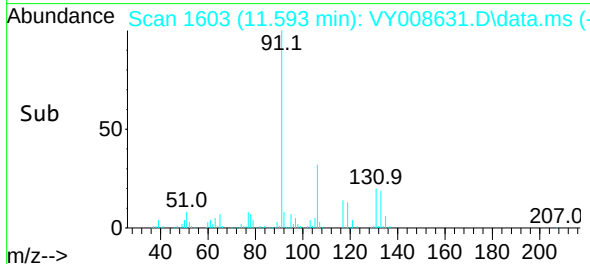
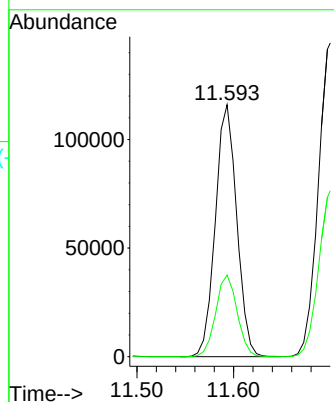
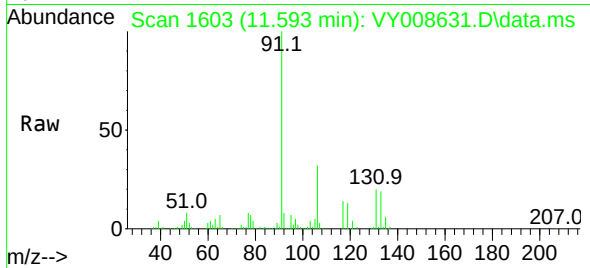




#67
Ethyl Benzene
Concen: 20.724 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

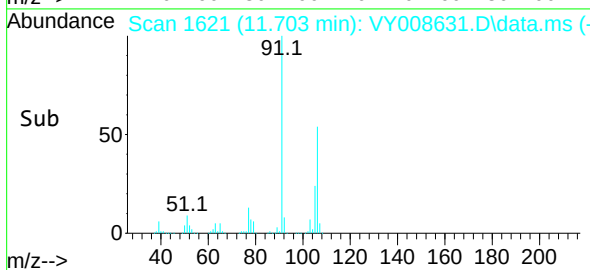
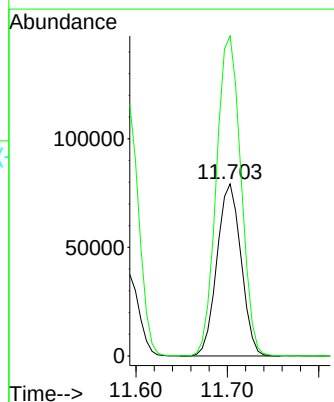
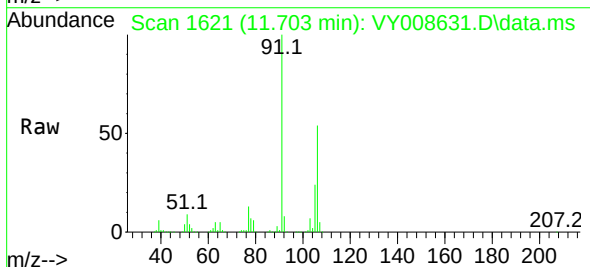
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

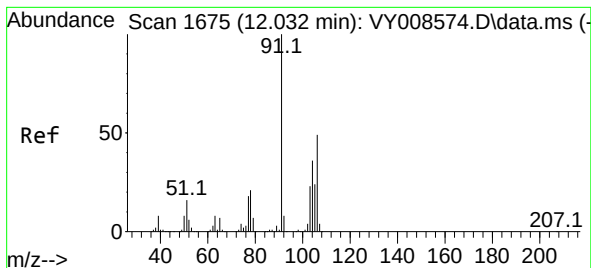
Tgt Ion: 91 Resp: 177634
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 41.376 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion:106 Resp: 144873
Ion Ratio Lower Upper
106 100
91 189.6 166.6 249.8





#69

o-Xylene

Concen: 20.669 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

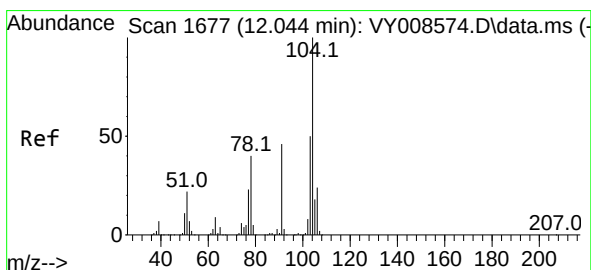
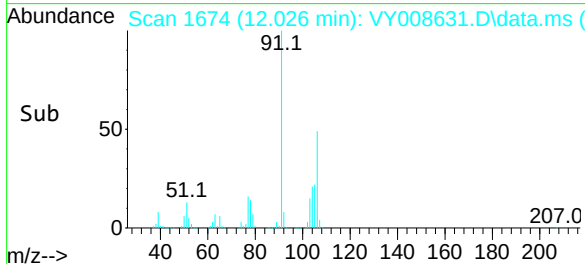
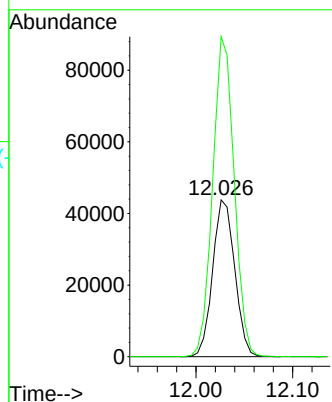
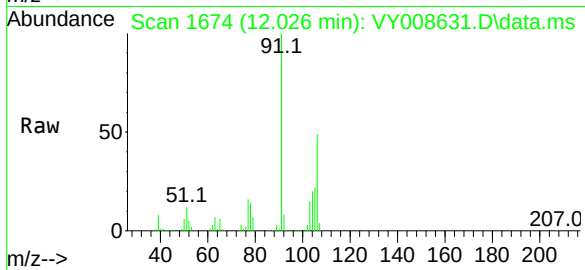
VY0504SBS03

Tgt Ion:106 Resp: 69358

Ion Ratio Lower Upper

106 100

91 199.3 110.3 331.0



#70

Styrene

Concen: 20.605 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

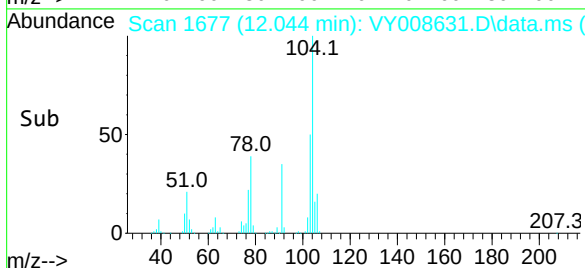
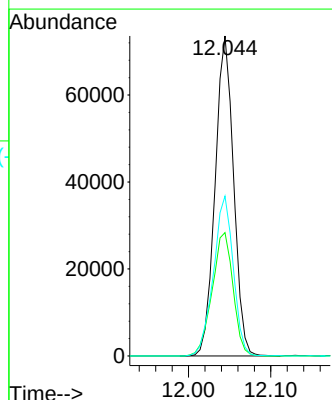
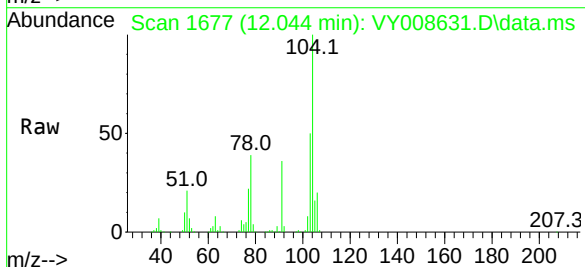
Tgt Ion:104 Resp: 114943

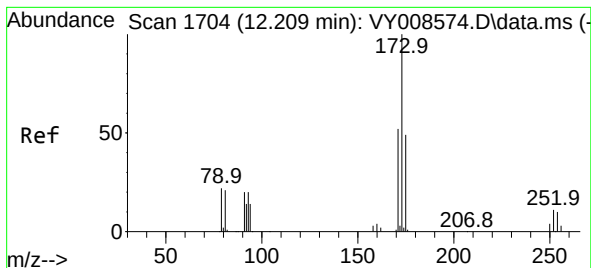
Ion Ratio Lower Upper

104 100

78 43.6 42.4 63.6

103 53.6 44.4 66.6





#71

Bromoform

Concen: 19.154 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

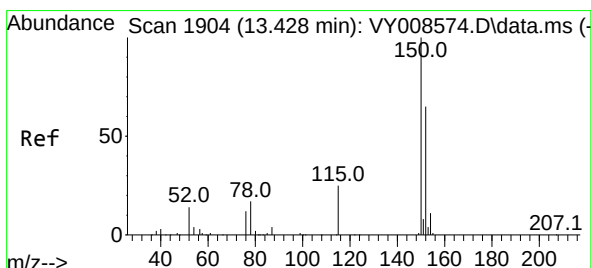
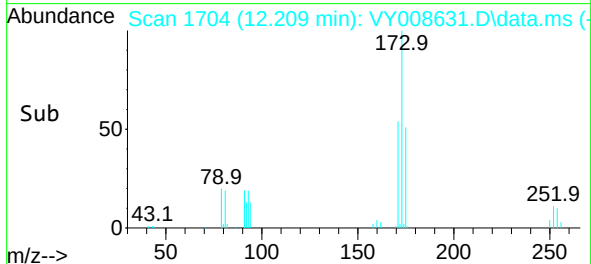
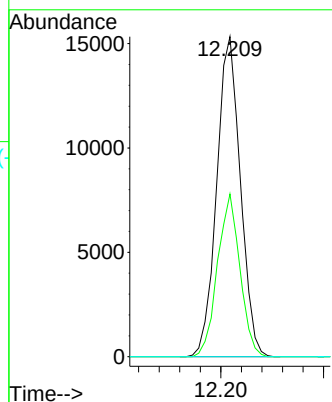
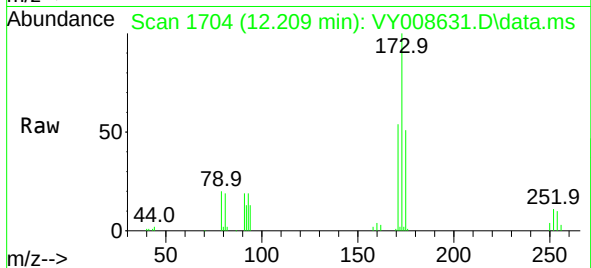
Tgt Ion:173 Resp: 24491

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

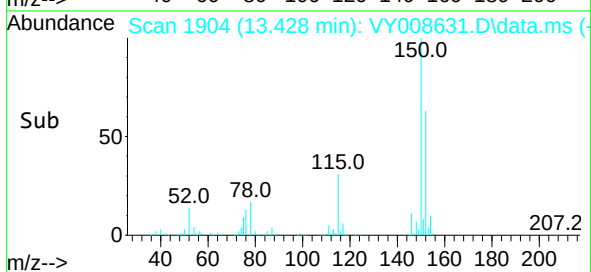
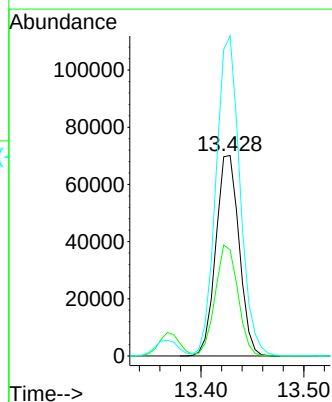
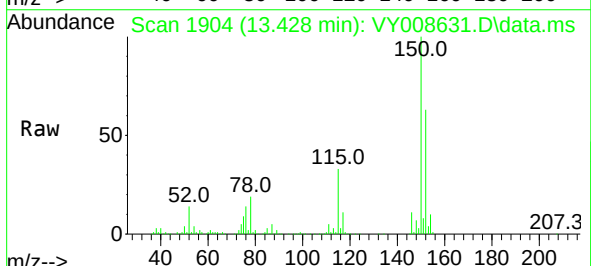
Tgt Ion:152 Resp: 110129

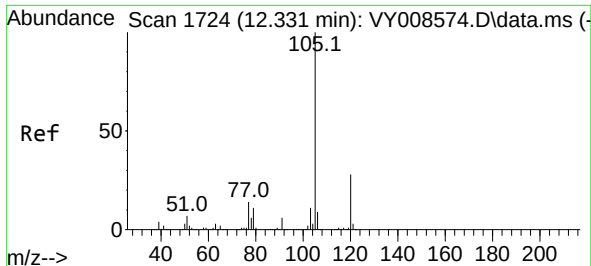
Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 164.4 0.0 347.6

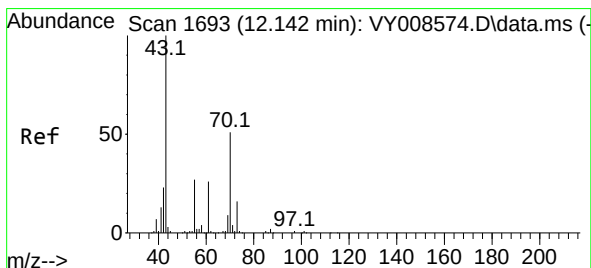
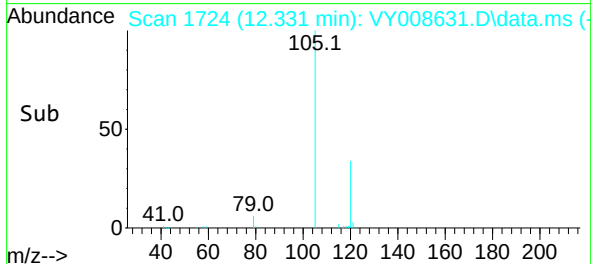
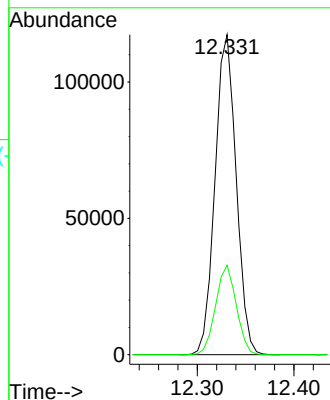
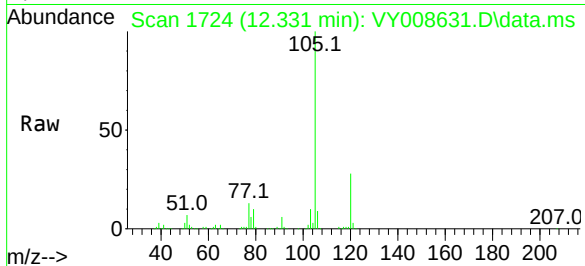




#73
Isopropylbenzene
Concen: 20.721 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

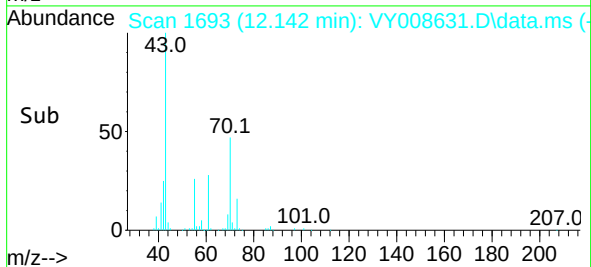
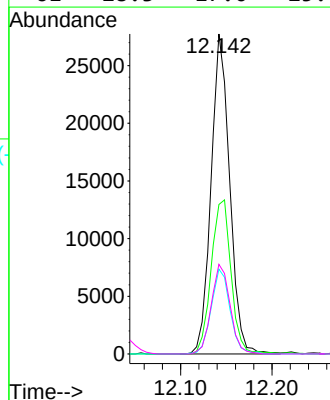
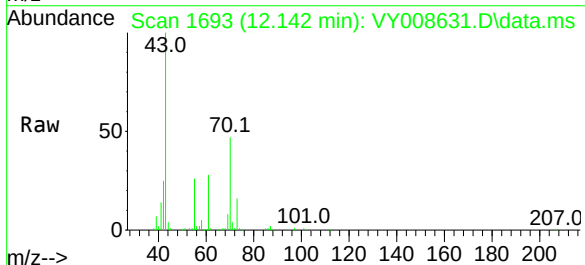
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

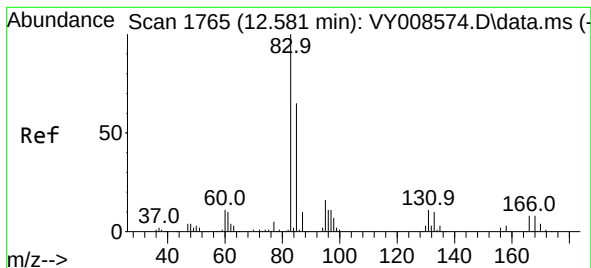
Tgt Ion:105 Resp: 178020
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 20.405 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 43 Resp: 39178
Ion Ratio Lower Upper
43 100
70 51.6 28.7 43.1#
55 26.9 17.3 25.9#
61 28.3 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.013 ug/l

RT: 12.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

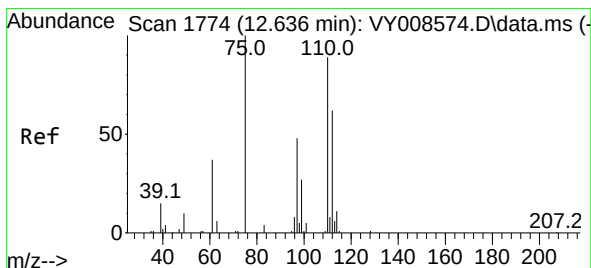
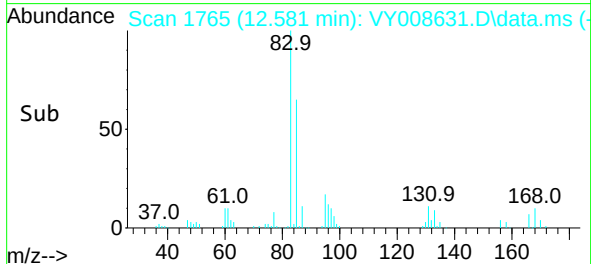
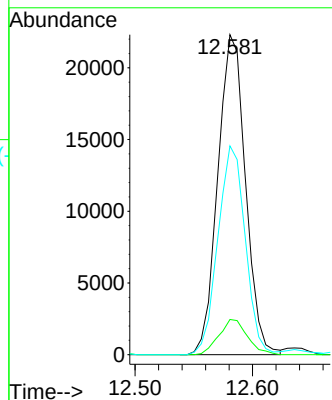
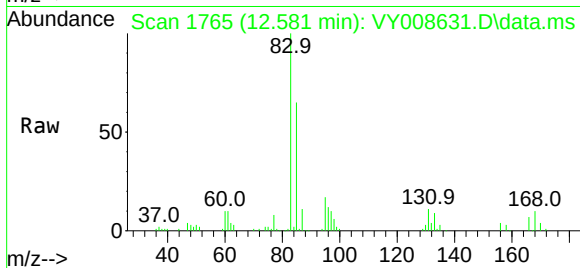
Tgt Ion: 83 Resp: 36532

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 64.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 37.995 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY008631.D

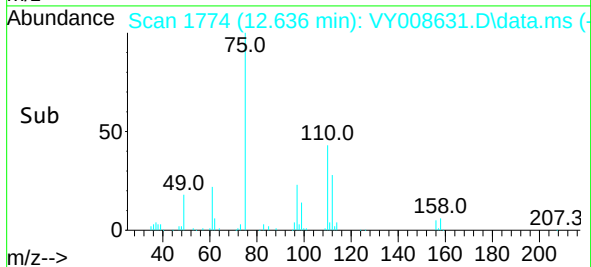
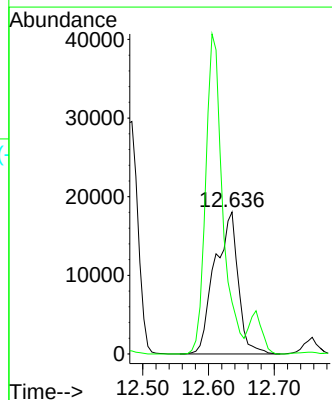
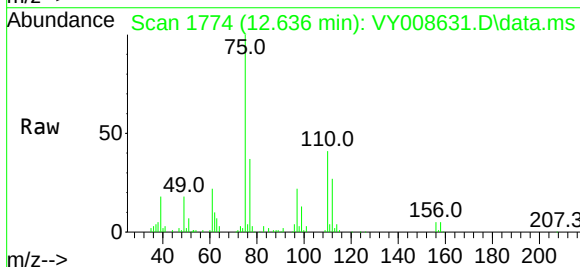
Acq: 04 May 2022 23:43

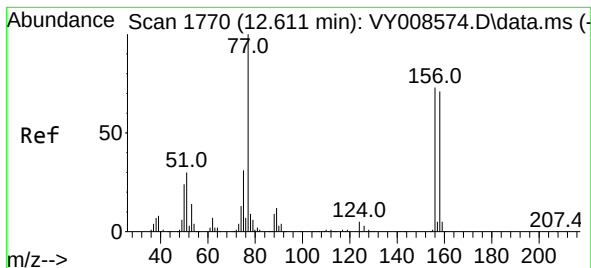
Tgt Ion: 75 Resp: 44667

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.853 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

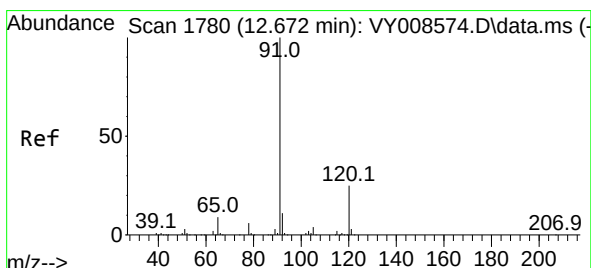
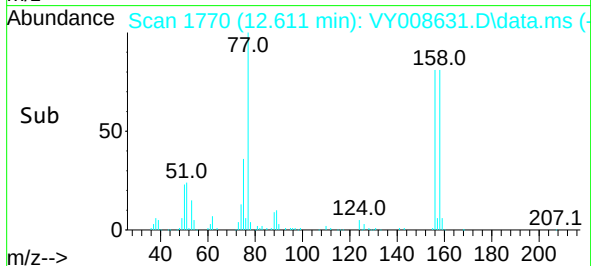
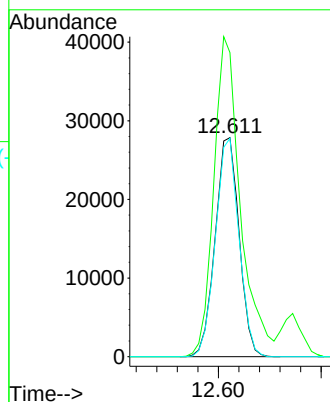
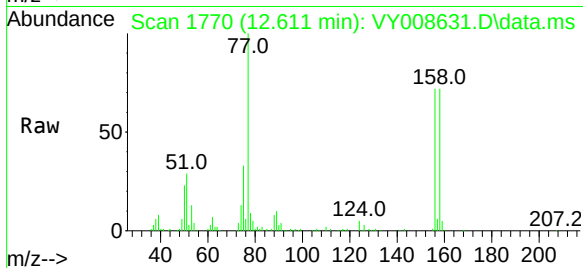
Tgt Ion:156 Resp: 45003

Ion Ratio Lower Upper

156 100

77 162.6 95.5 286.4

158 97.9 48.0 144.0



#78

n-propylbenzene

Concen: 21.052 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008631.D

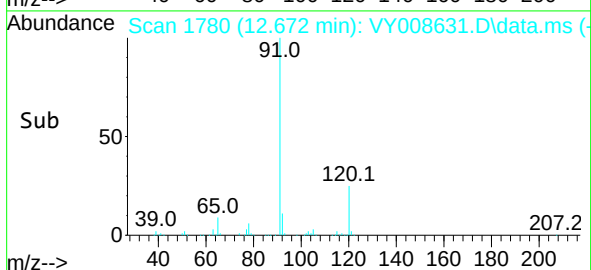
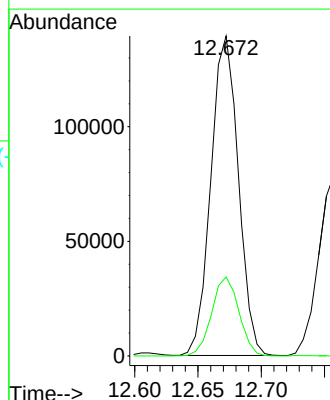
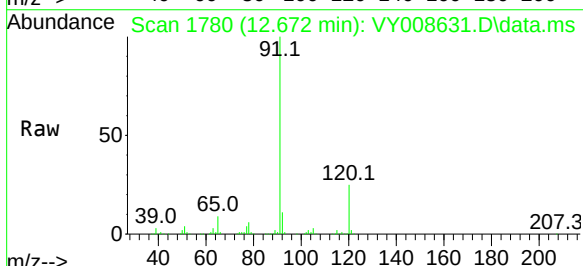
Acq: 04 May 2022 23:43

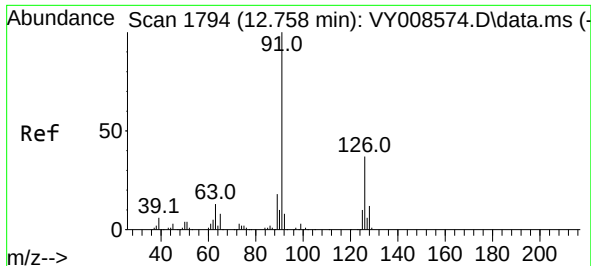
Tgt Ion: 91 Resp: 210477

Ion Ratio Lower Upper

91 100

120 24.5 11.3 33.9

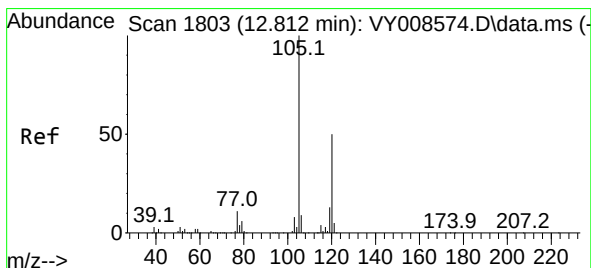
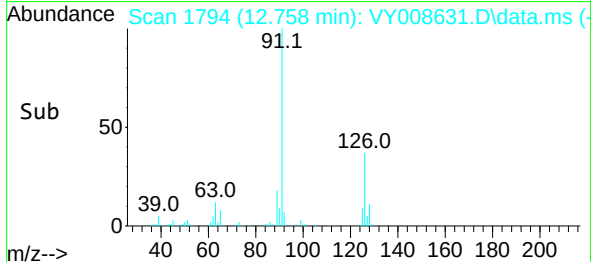
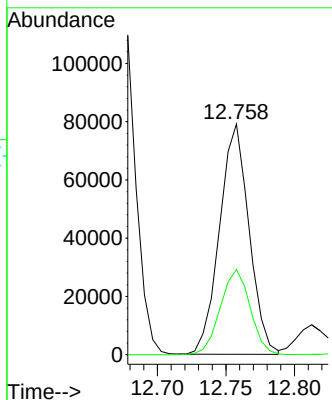
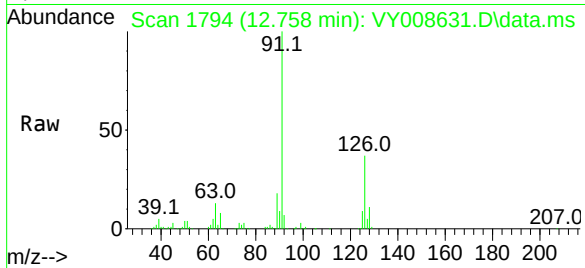




#79
2-Chlorotoluene
Concen: 21.069 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

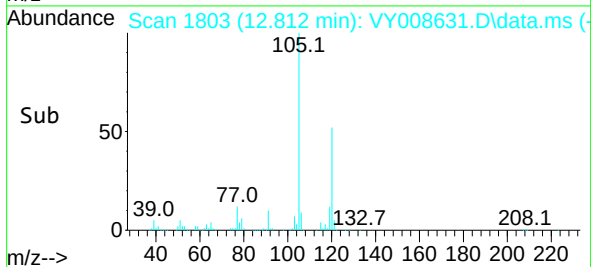
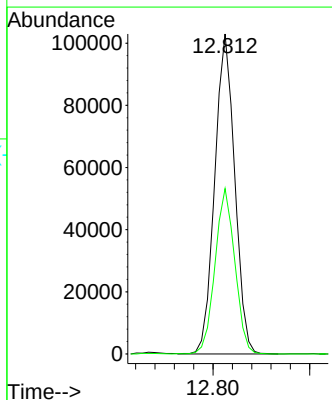
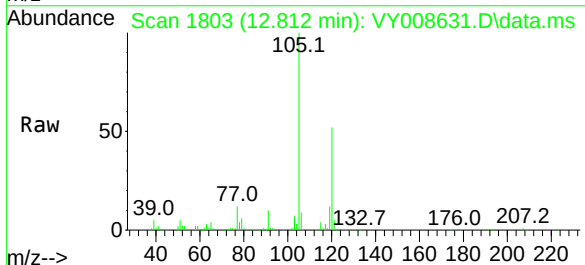
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

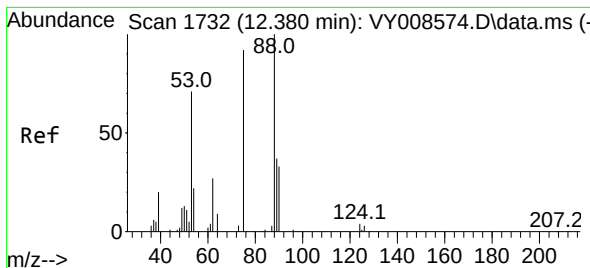
Tgt Ion: 91 Resp: 118596
Ion Ratio Lower Upper
91 100
126 37.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.773 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 105 Resp: 147454
Ion Ratio Lower Upper
105 100
120 51.2 24.4 73.4

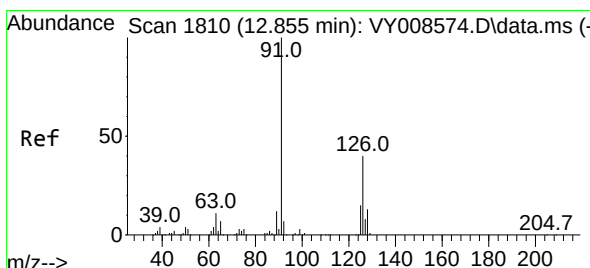
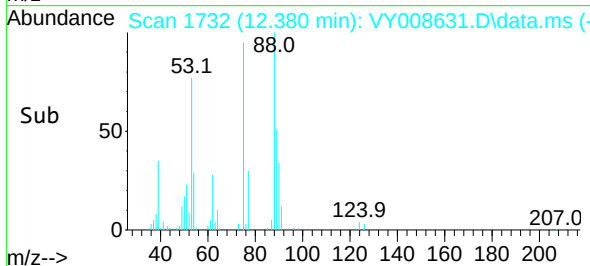
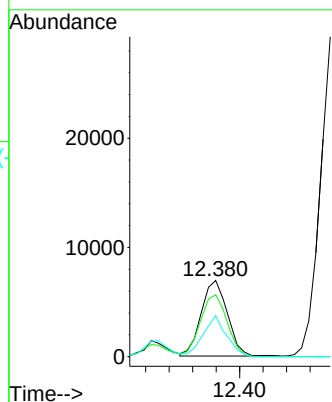
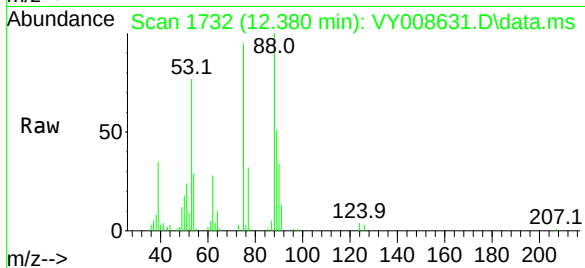




#81
trans-1,4-Dichloro-2-butene
Concen: 18.436 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

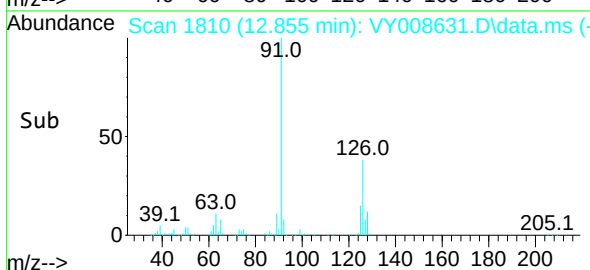
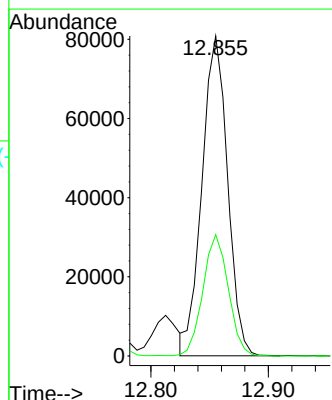
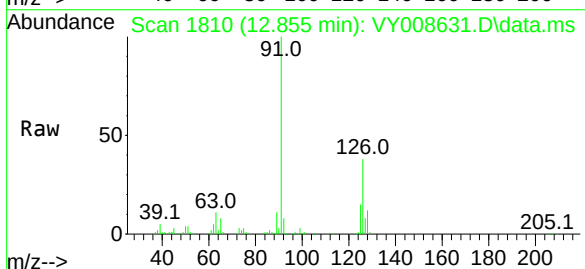
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

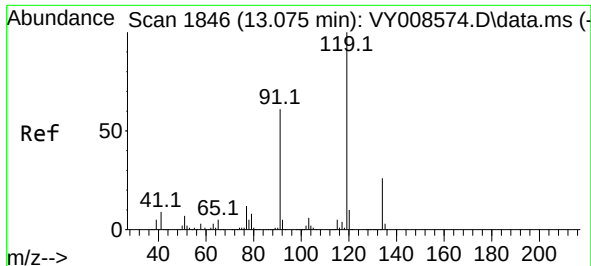
Tgt Ion: 75 Resp: 10690
Ion Ratio Lower Upper
75 100
53 84.0 85.3 127.9#
89 47.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.058 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 91 Resp: 122106
Ion Ratio Lower Upper
91 100
126 37.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.504 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

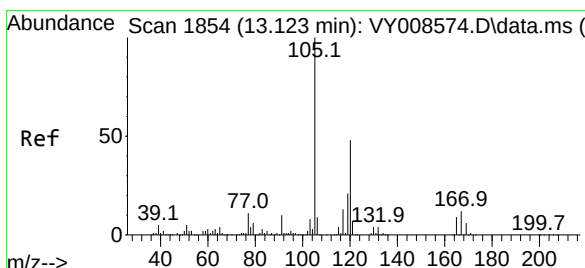
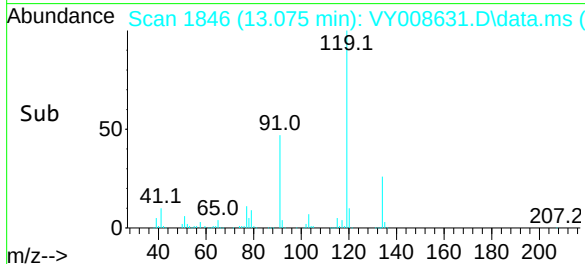
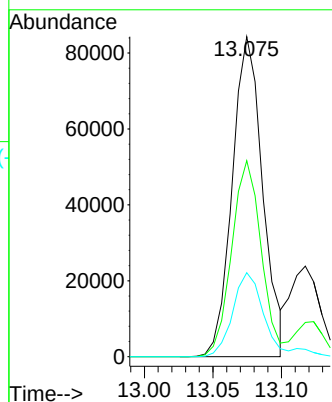
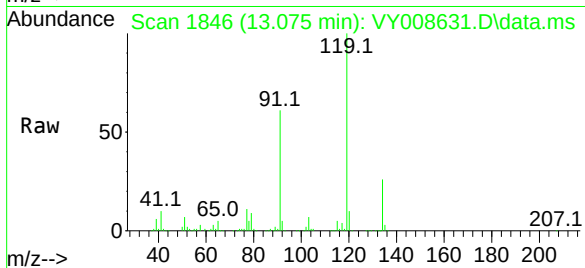
Tgt Ion:119 Resp: 130362

Ion Ratio Lower Upper

119 100

91 59.4 34.8 104.4

134 26.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.588 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY008631.D

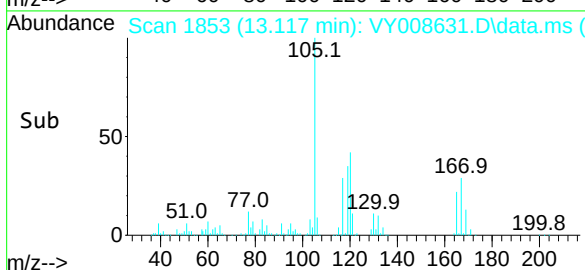
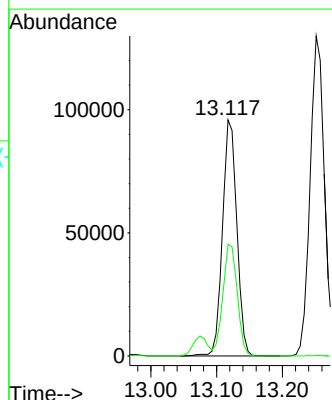
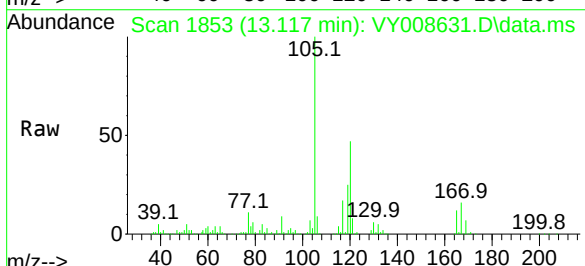
Acq: 04 May 2022 23:43

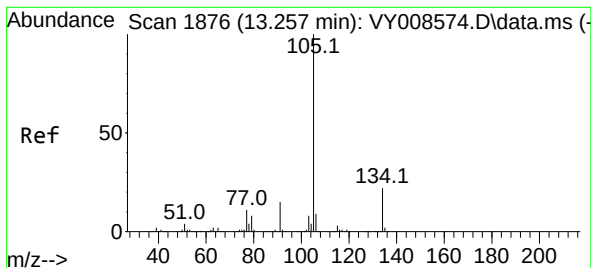
Tgt Ion:105 Resp: 145255

Ion Ratio Lower Upper

105 100

120 47.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.834 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

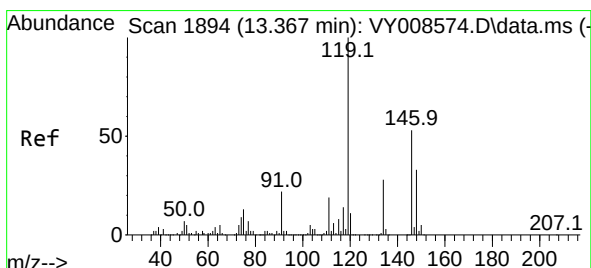
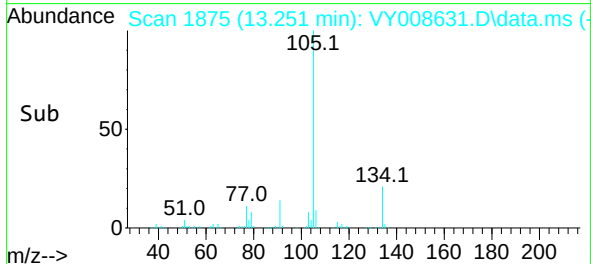
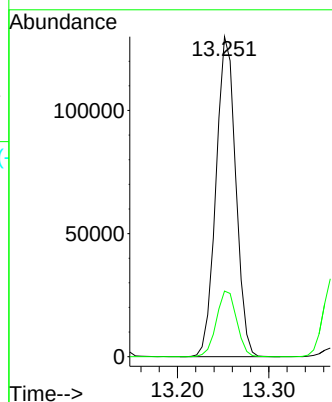
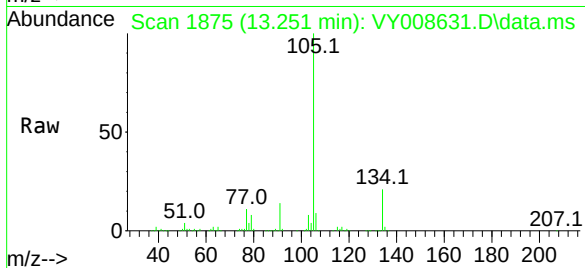
VY0504SBS03

Tgt Ion:105 Resp: 195210

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.431 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

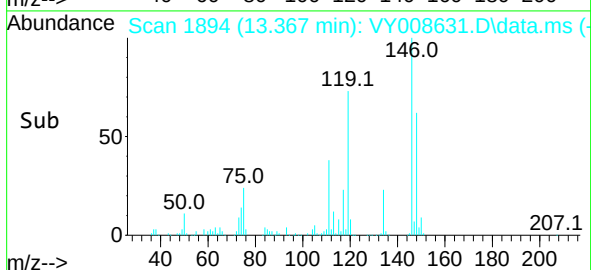
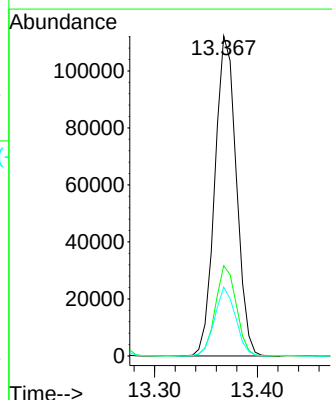
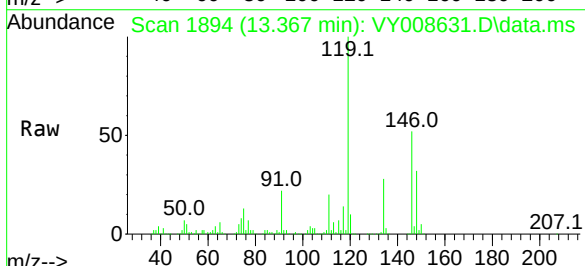
Tgt Ion:119 Resp: 162527

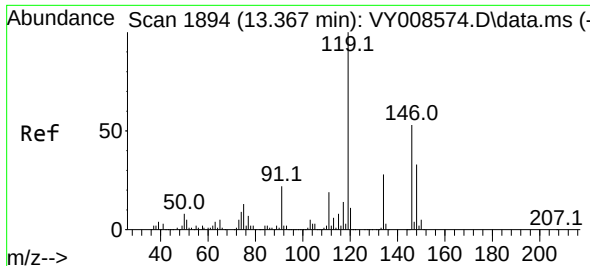
Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.5

91 21.1 12.4 37.2

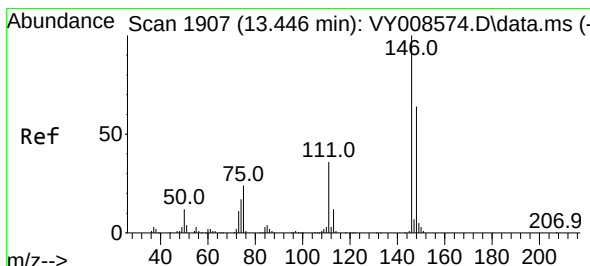
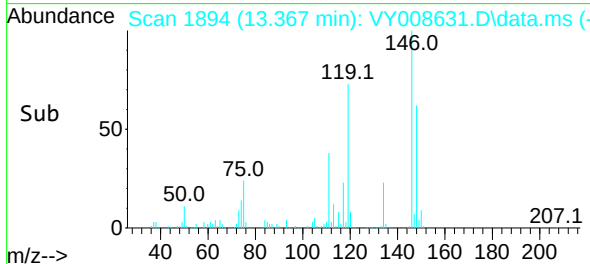
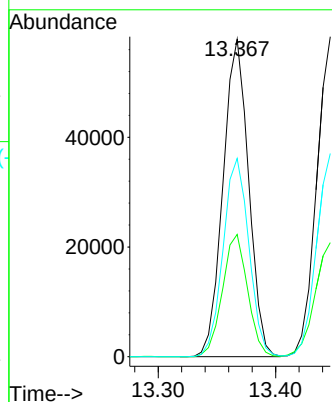
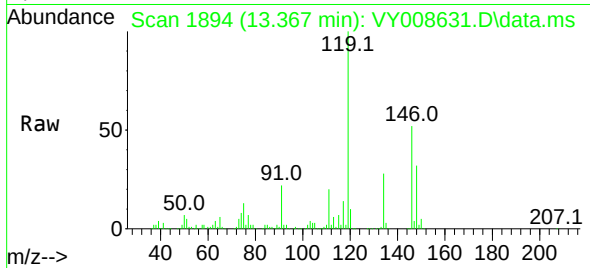




#87
 1,3-Dichlorobenzene
 Concen: 19.980 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008631.D
 Acq: 04 May 2022 23:43

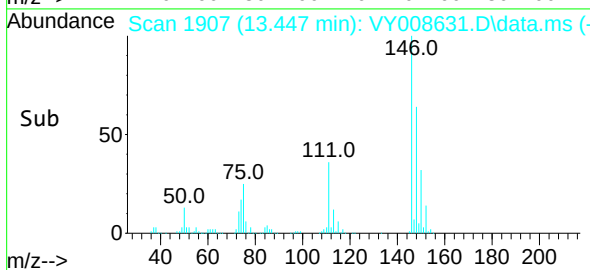
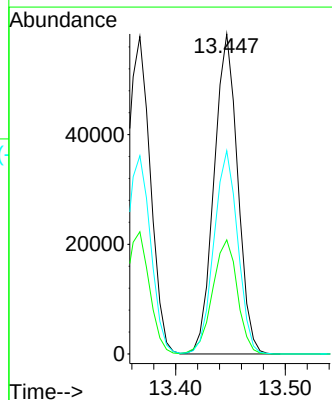
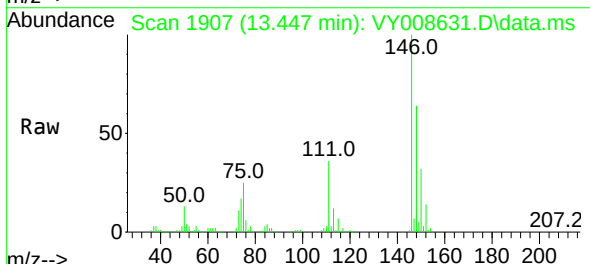
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS03

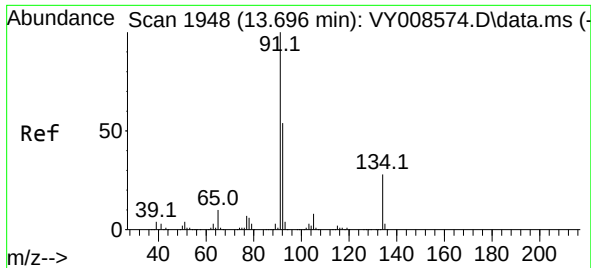
Tgt Ion:146 Resp: 87595
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.5 58.5
 148 63.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.231 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008631.D
 Acq: 04 May 2022 23:43

Tgt Ion:146 Resp: 87485
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 64.1 32.6 97.8

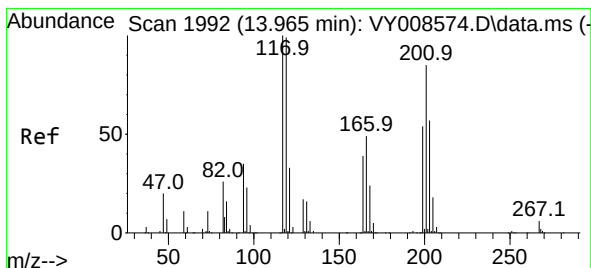
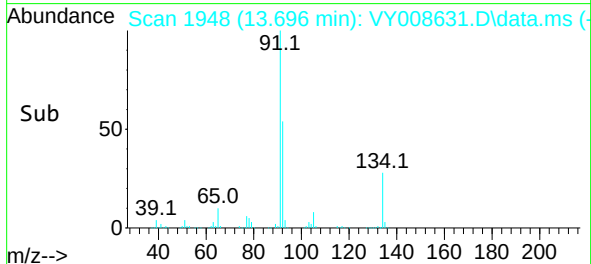
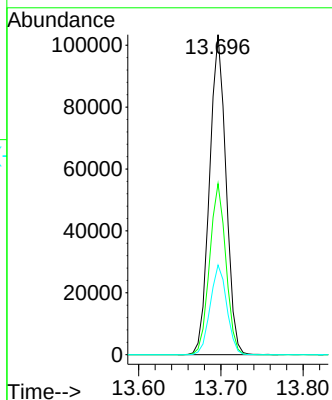
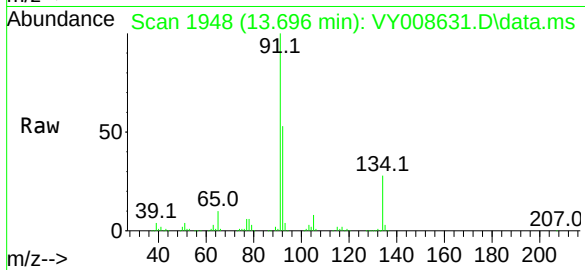




#89
n-Butylbenzene
Concen: 20.512 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

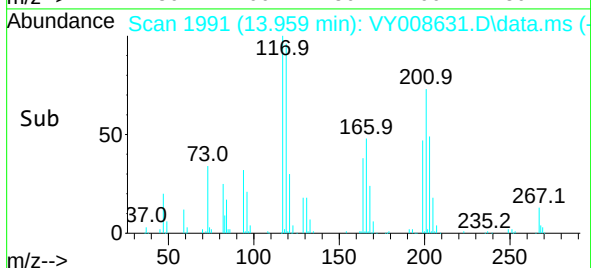
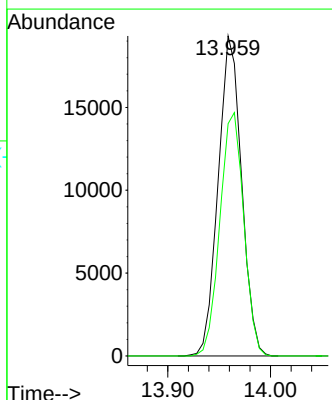
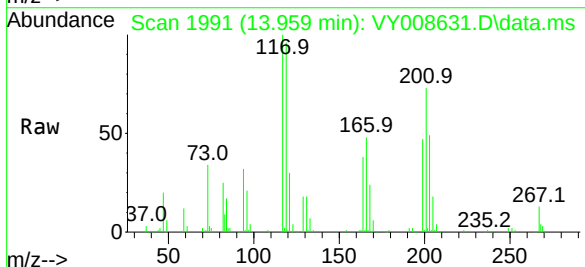
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

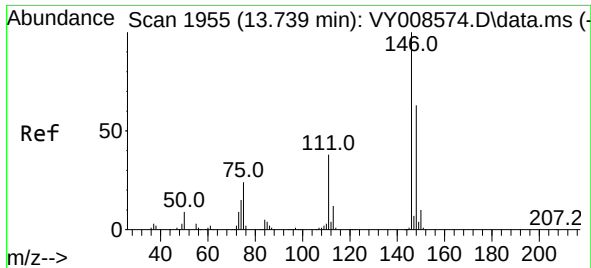
Tgt Ion: 91 Resp: 143728
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.1 13.0 38.9



#90
Hexachloroethane
Concen: 20.689 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion: 117 Resp: 30480
Ion Ratio Lower Upper
117 100
201 77.7 43.0 128.8

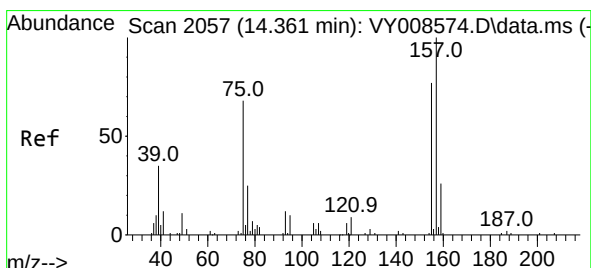
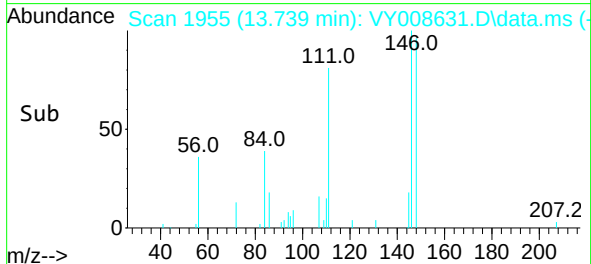
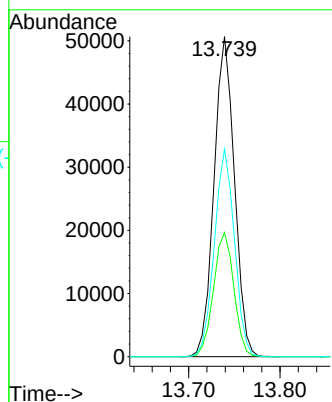
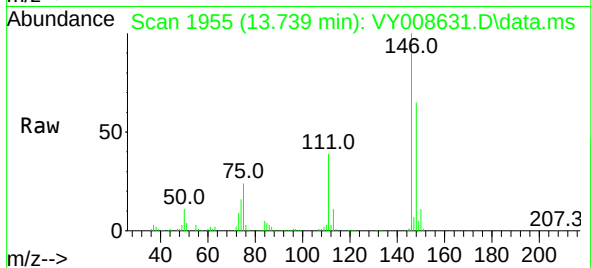




#91
1,2-Dichlorobenzene
Concen: 20.093 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

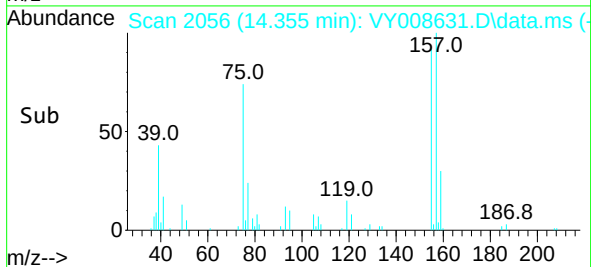
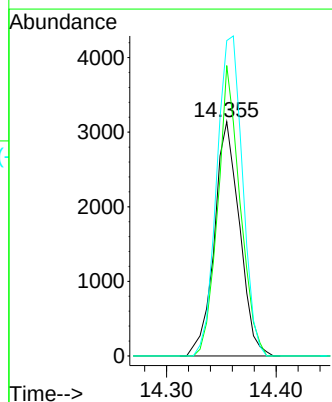
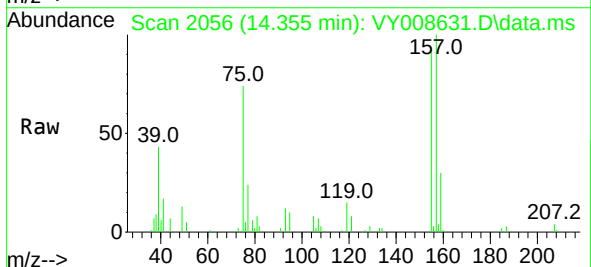
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS03

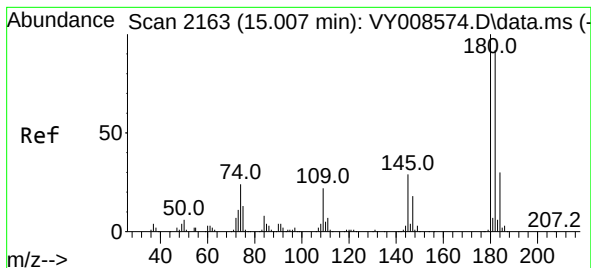
Tgt Ion:	146	Resp:	78609
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.3	60.9
148	64.0	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.912 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008631.D
Acq: 04 May 2022 23:43

Tgt Ion:	75	Resp:	5004
Ion Ratio	Lower	Upper	
75	100		
155	110.1	38.0	113.9
157	139.3	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.066 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

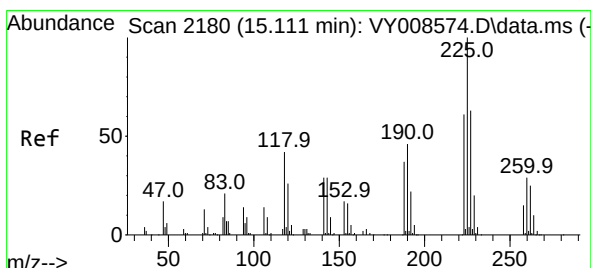
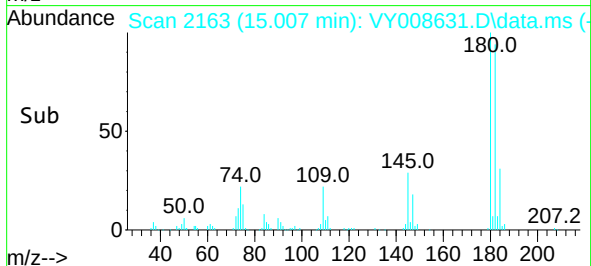
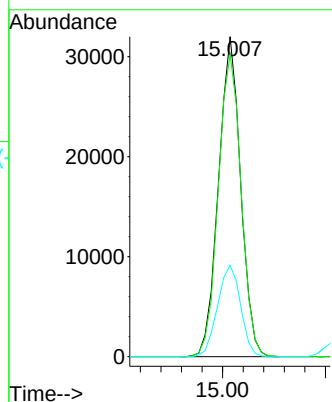
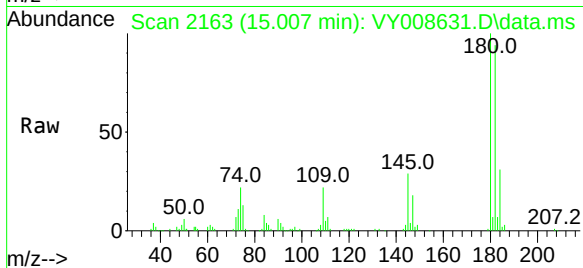
Tgt Ion:180 Resp: 47597

Ion Ratio Lower Upper

180 100

182 97.5 47.3 141.9

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.939 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

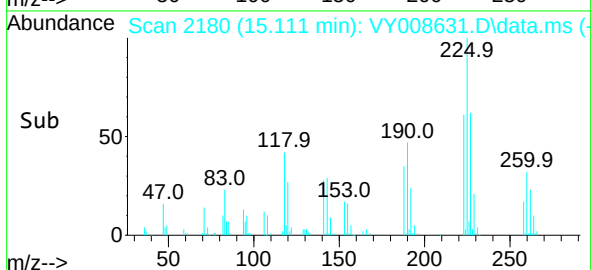
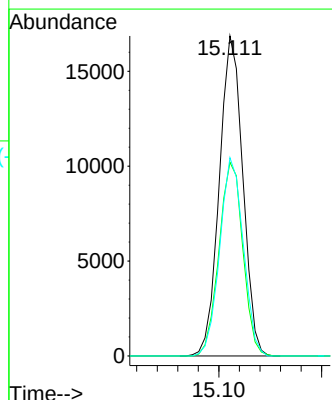
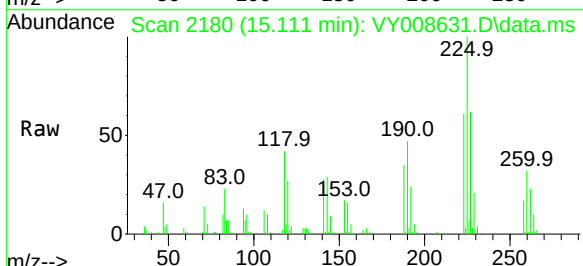
Tgt Ion:225 Resp: 26700

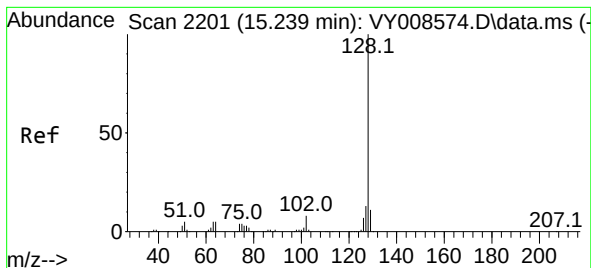
Ion Ratio Lower Upper

225 100

223 61.4 30.8 92.3

227 62.1 31.6 94.7





#95

Naphthalene

Concen: 19.057 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS03

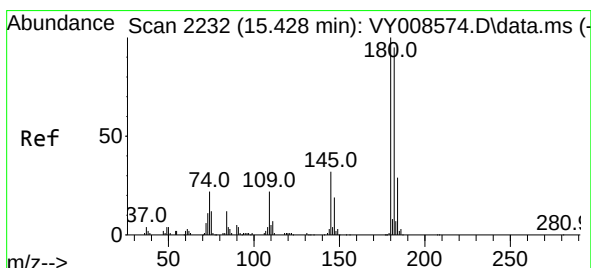
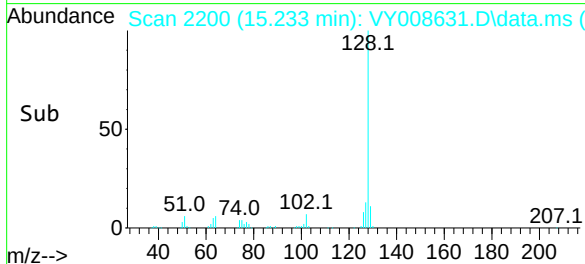
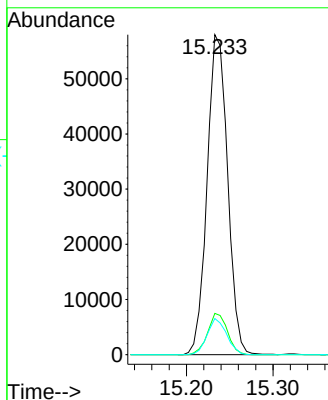
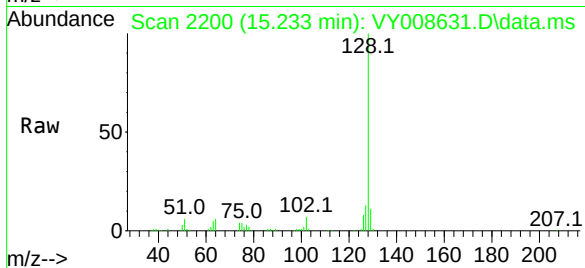
Tgt Ion:128 Resp: 95403

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.577 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008631.D

Acq: 04 May 2022 23:43

Tgt Ion:180 Resp: 41161

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 31.4 15.3 45.9

