

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010502.D
 Acq On : 15 Sep 2022 11:46
 Operator : KP/MD
 Sample : VY0915SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBS01

Quant Time: Sep 22 04:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	228697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	110479	47.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.716	113	109134	42.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.680%
50) Toluene-d8	10.179	98	397049	48.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.477	95	142931	42.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40791	23.594	ug/l	99
3) Chloromethane	2.107	50	55423	21.570	ug/l	97
4) Vinyl Chloride	2.247	62	67996	21.451	ug/l	99
5) Bromomethane	2.638	94	49251	22.177	ug/l	98
6) Chloroethane	2.784	64	46558	21.959	ug/l	96
7) Trichlorofluoromethane	3.119	101	87440	21.776	ug/l	95
8) Diethyl Ether	3.522	74	27864	21.427	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	50506	21.483	ug/l	95
10) Methyl Iodide	4.082	142	57028	19.603	ug/l	91
11) Tert butyl alcohol	4.936	59	33615	117.788	ug/l	98
12) 1,1-Dichloroethene	3.863	96	46457	21.064	ug/l	84
13) Acrolein	3.723	56	17709	80.590	ug/l	96
14) Allyl chloride	4.473	41	66620	20.976	ug/l #	94
15) Acrylonitrile	5.155	53	69168	109.873	ug/l	98
16) Acetone	3.942	43	63370	119.883	ug/l	90
17) Carbon Disulfide	4.186	76	127265	21.338	ug/l	98
18) Methyl Acetate	4.473	43	37674	23.167	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	127393	20.916	ug/l	96
20) Methylene Chloride	4.710	84	73524	25.335	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	52576	20.995	ug/l	86
22) Diisopropyl ether	6.113	45	149185	21.041	ug/l #	95
23) Vinyl Acetate	6.052	43	445650	102.564	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	92238	21.488	ug/l	98
25) 2-Butanone	6.978	43	93767	111.620	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	88854	21.693	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	60619	20.825	ug/l	90
28) Bromochloromethane	7.326	49	23392	16.997	ug/l #	81
29) Tetrahydrofuran	7.344	42	56621	107.995	ug/l #	82
30) Chloroform	7.503	83	98436	21.619	ug/l	99
31) Cyclohexane	7.777	56	81374	20.912	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	88369	21.434	ug/l	96
36) 1,1-Dichloropropene	7.911	75	72695	20.845	ug/l	97
37) Ethyl Acetate	7.070	43	38964	21.253	ug/l #	93
38) Carbon Tetrachloride	7.899	117	80405	20.723	ug/l	99
39) Methylcyclohexane	9.179	83	88454	20.341	ug/l	89
40) Benzene	8.155	78	209519	20.870	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	53764	51.297	ug/l #	19
42) 1,2-Dichloroethane	8.234	62	63020	21.109	ug/l	92
43) Isopropyl Acetate	8.271	43	69106	20.597	ug/l #	89
44) Trichloroethene	8.935	130	61276	20.735	ug/l	98
45) 1,2-Dichloropropane	9.216	63	51350	20.972	ug/l	96
46) Dibromomethane	9.301	93	31144	21.093	ug/l	98
47) Bromodichloromethane	9.496	83	73983	21.095	ug/l	99
48) Methyl methacrylate	9.289	41	31240	20.732	ug/l #	83
49) 1,4-Dioxane	9.295	88	7990	408.786	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	194342	105.601	ug/l	89
52) Toluene	10.240	92	138920	21.146	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	73924	20.482	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	84431	20.740	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	43885	20.894	ug/l	97
56) Ethyl methacrylate	10.508	69	56109	20.341	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	73770	21.123	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	116546	141.094	ug/l	94
59) 2-Hexanone	10.831	43	135265	107.826	ug/l	87
60) Dibromochloromethane	10.984	129	53662	20.907	ug/l	98
61) 1,2-Dibromoethane	11.087	107	42514	20.851	ug/l	100
64) Tetrachloroethene	10.715	164	59050	20.035	ug/l	97
65) Chlorobenzene	11.514	112	146863	20.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55073	20.334	ug/l	98
67) Ethyl Benzene	11.593	91	259573	20.055	ug/l	99
68) m/p-Xylenes	11.703	106	205802	40.503	ug/l	92
69) o-Xylene	12.026	106	96453	19.880	ug/l	93
70) Styrene	12.044	104	163436	19.903	ug/l	95
71) Bromoform	12.203	173	34028	20.095	ug/l #	99
73) Isopropylbenzene	12.331	105	257281	19.233	ug/l	100
74) N-amyl acetate	12.142	43	59419	19.037	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	51820	20.708	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66644	35.220	ug/l #	100
77) Bromobenzene	12.605	156	60986	19.240	ug/l	93
78) n-propylbenzene	12.672	91	310775	19.619	ug/l	99
79) 2-Chlorotoluene	12.758	91	174829	19.648	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	222740	19.734	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16403	19.247	ug/l	93
82) 4-Chlorotoluene	12.855	91	180626	19.513	ug/l	98
83) tert-Butylbenzene	13.075	119	192807	19.544	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	219864	19.909	ug/l	98
85) sec-Butylbenzene	13.251	105	285290	19.530	ug/l	100
86) p-Isopropyltoluene	13.367	119	238630	19.312	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	121103	19.026	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	121817	19.327	ug/l	98
89) n-Butylbenzene	13.697	91	218603	19.490	ug/l	99
90) Hexachloroethane	13.959	117	44519	19.190	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	108459	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8480	20.077	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	65773	18.785	ug/l	98
94) Hexachlorobutadiene	15.111	225	39776	18.827	ug/l	98
95) Naphthalene	15.233	128	129637	18.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57218	18.720	ug/l	99

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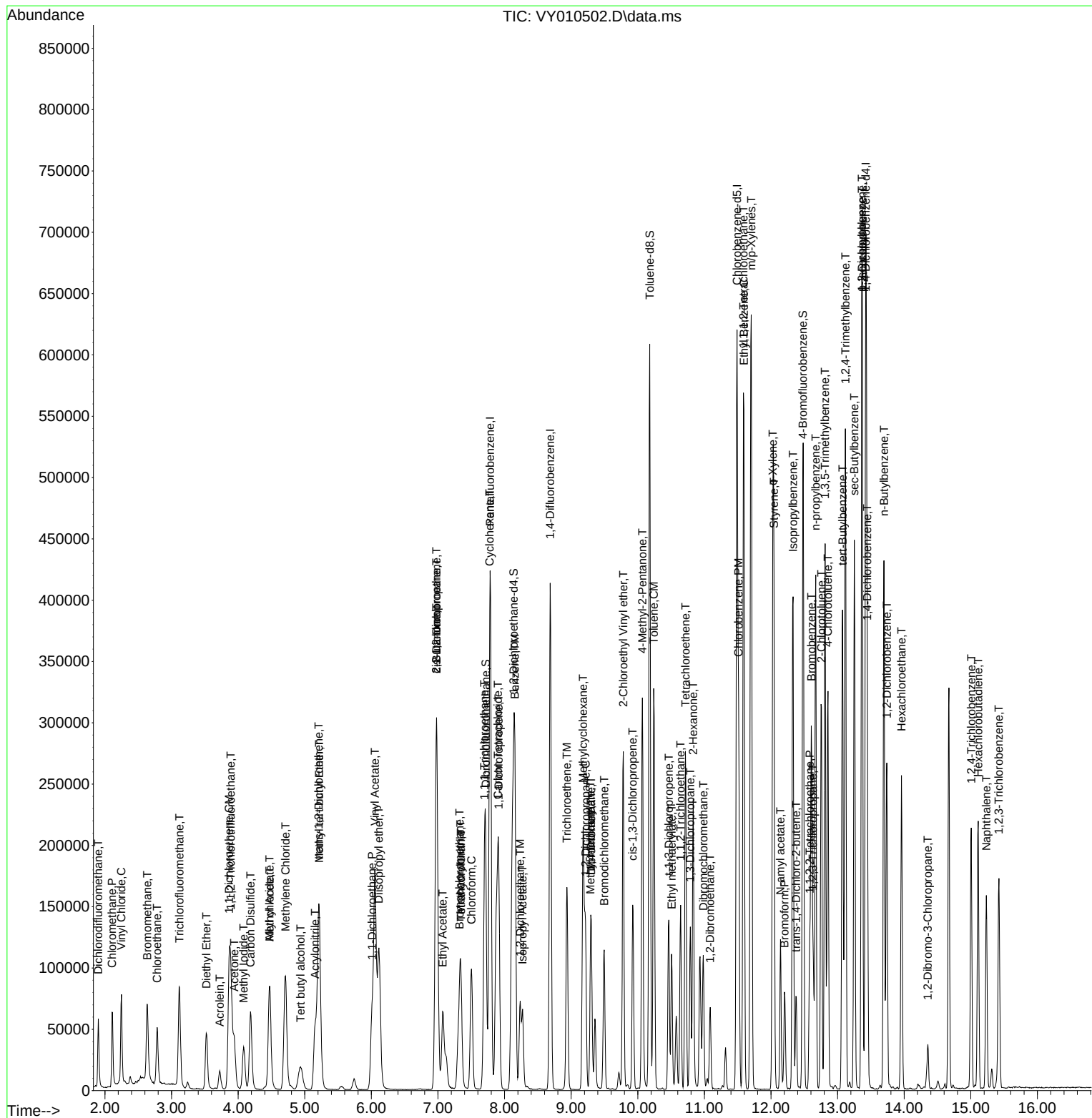
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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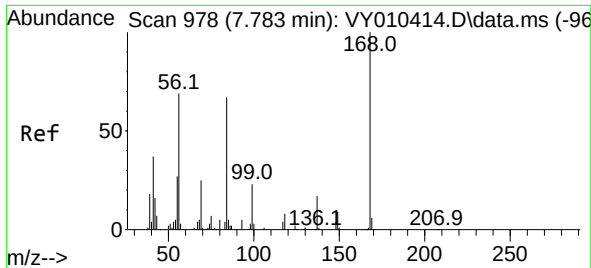
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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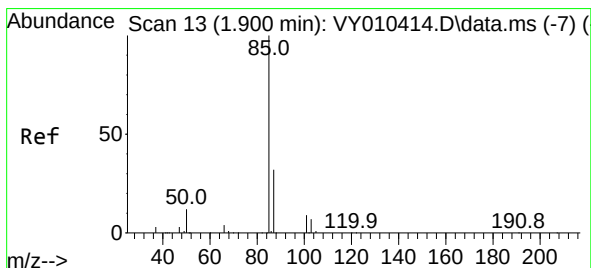
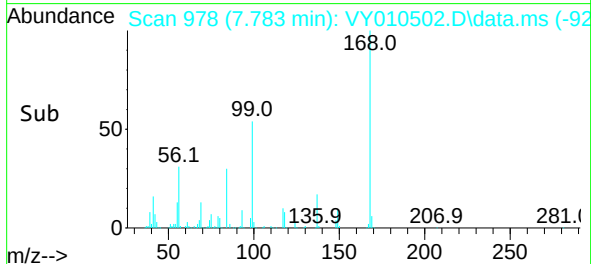
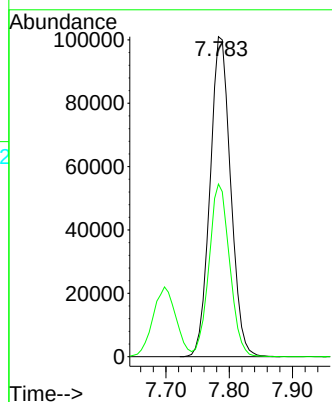
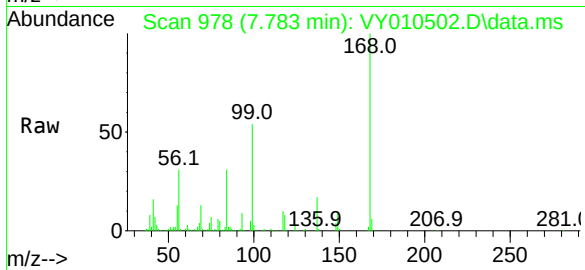




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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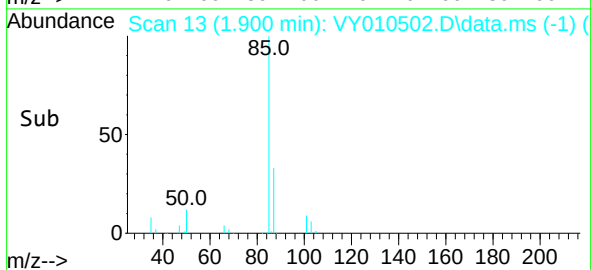
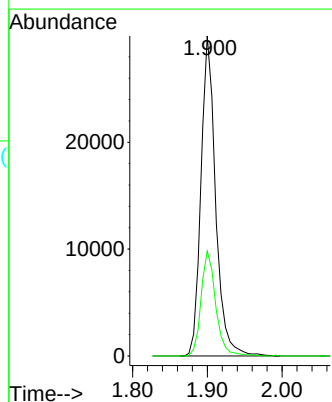
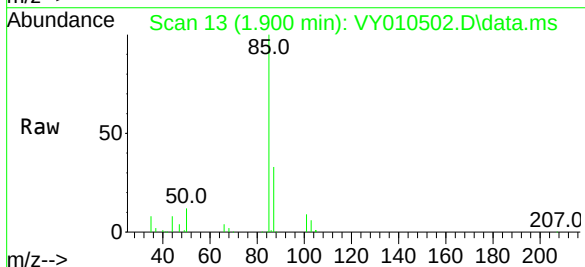
Instrument :
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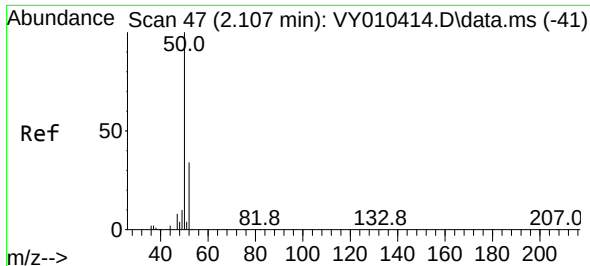
Tgt Ion:168 Resp: 228697
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 23.594 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 85 Resp: 40791
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

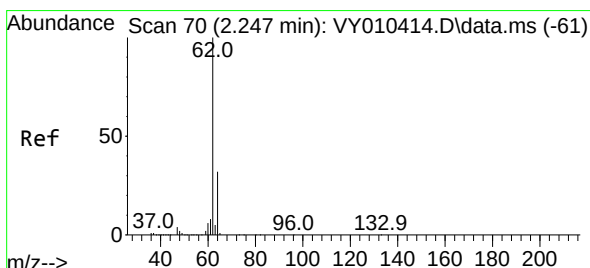
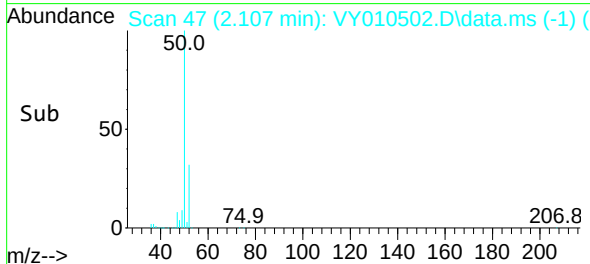
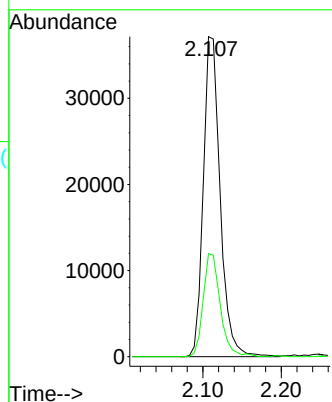
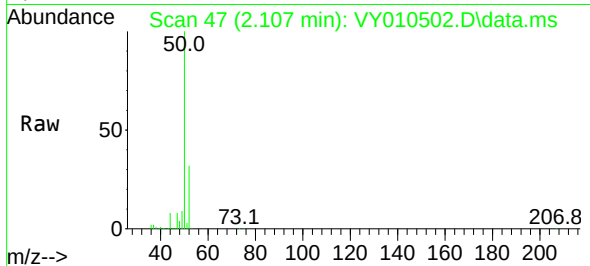




#3
Chloromethane
Concen: 21.570 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010502.D
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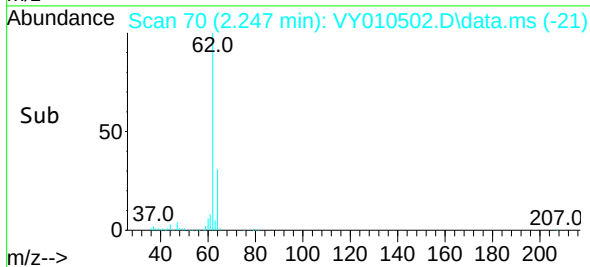
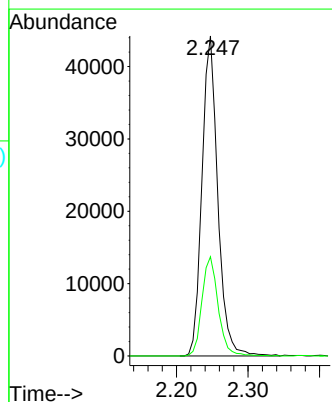
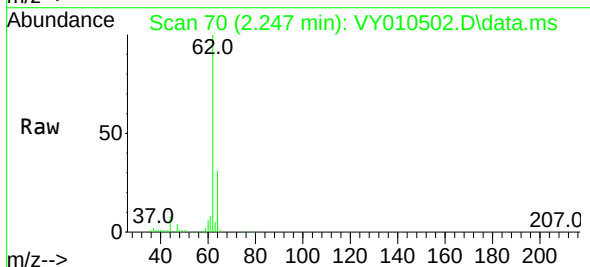
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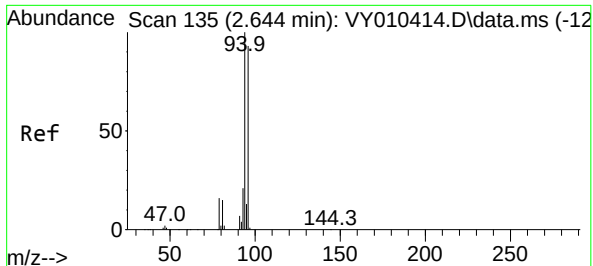
Tgt Ion: 50 Resp: 55423
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 21.451 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 62 Resp: 67996
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6

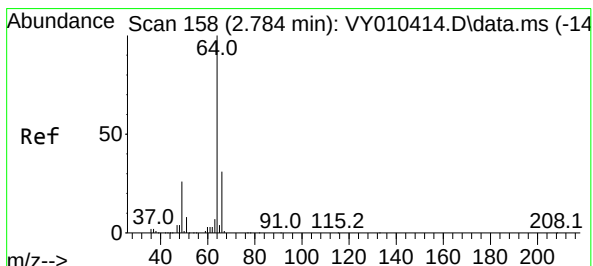
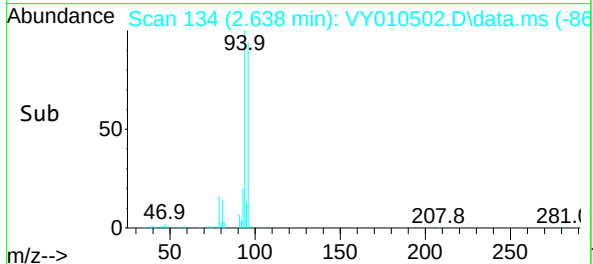
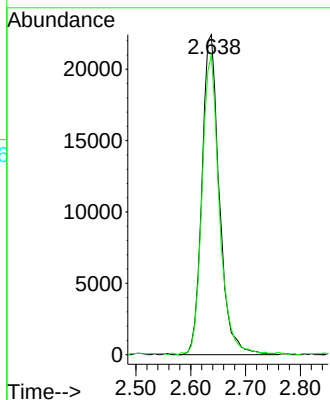
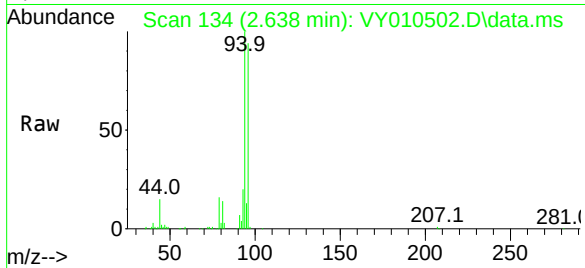




#5
Bromomethane
Concen: 22.177 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010502.D
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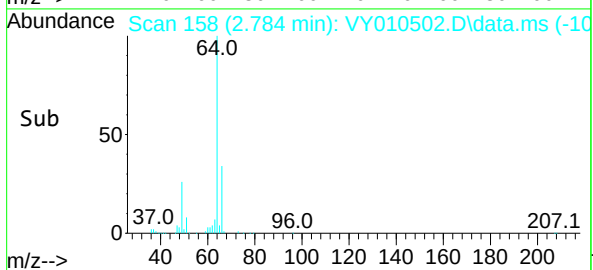
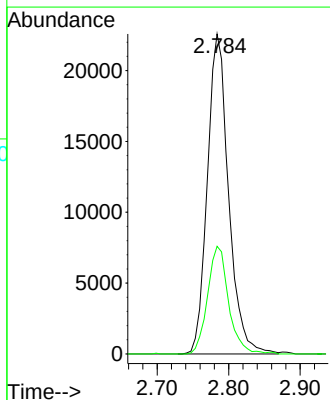
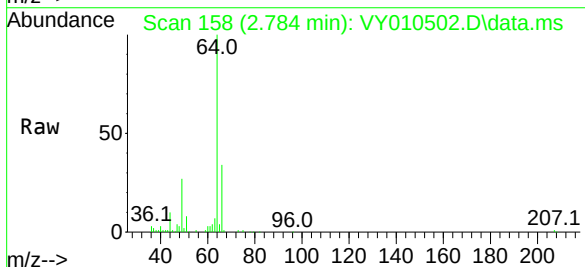
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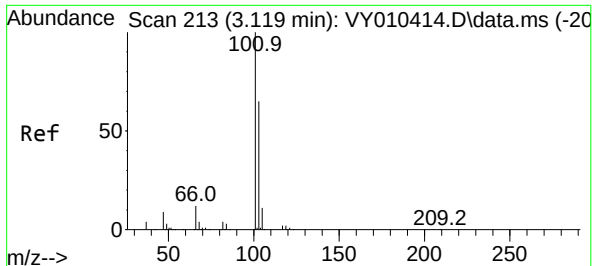
Tgt Ion: 94 Resp: 49251
Ion Ratio Lower Upper
94 100
96 93.5 73.5 110.3



#6
Chloroethane
Concen: 21.959 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010502.D
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Tgt Ion: 64 Resp: 46558
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0

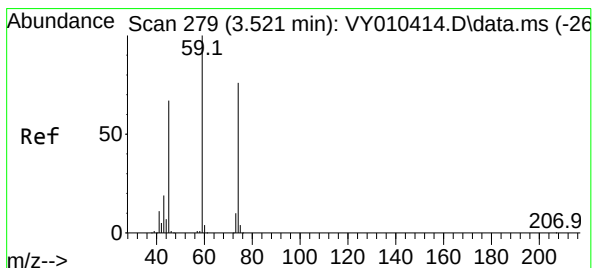
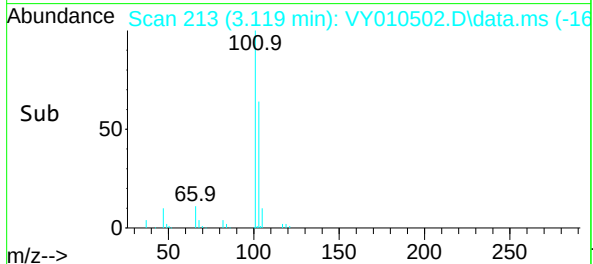
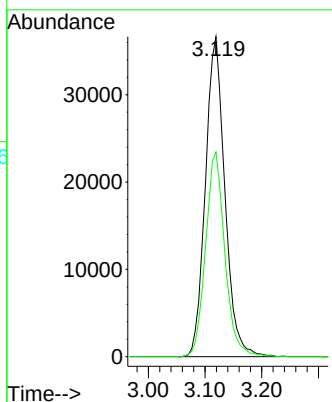
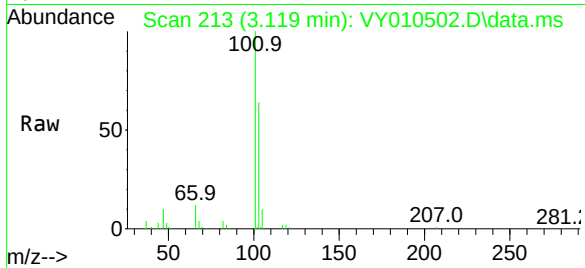




#7
Trichlorofluoromethane
Concen: 21.776 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

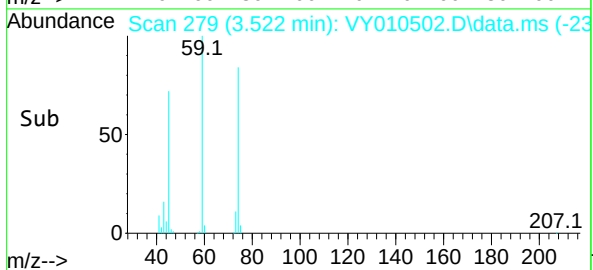
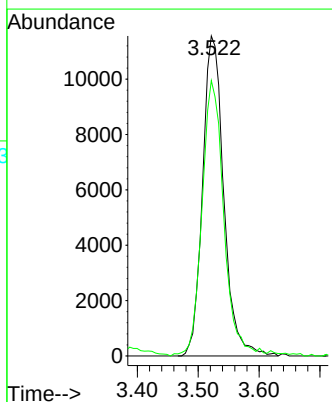
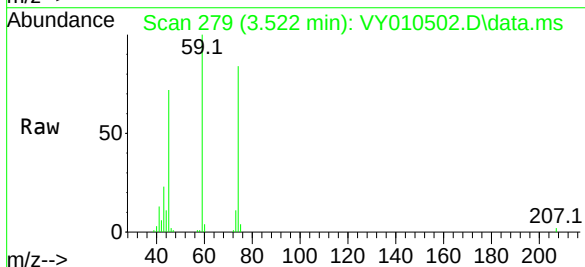
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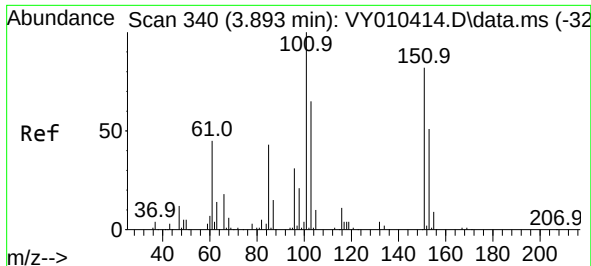
Tgt Ion:101 Resp: 87440
Ion Ratio Lower Upper
101 100
103 64.0 48.0 72.0



#8
Diethyl Ether
Concen: 21.427 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 27864
Ion Ratio Lower Upper
74 100
45 88.5 55.1 165.5

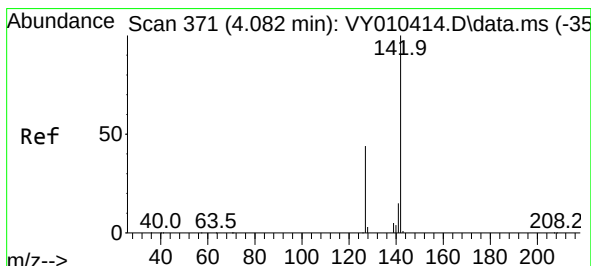
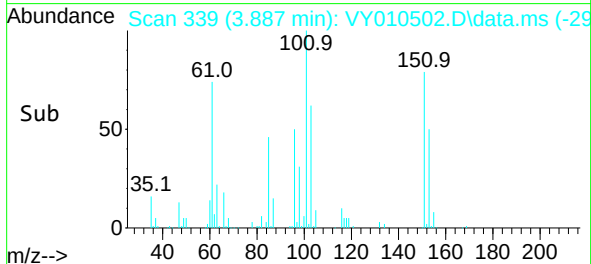
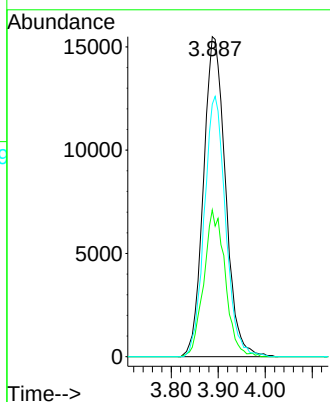
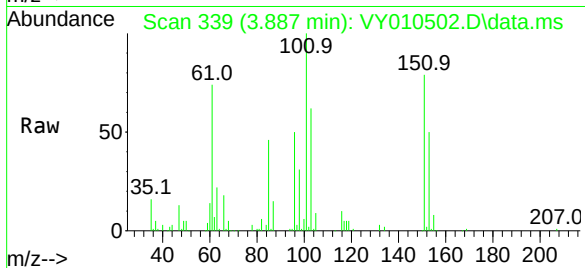




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.483 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

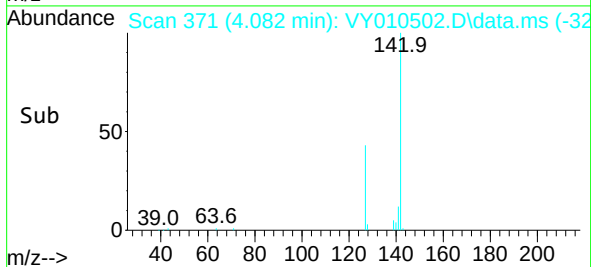
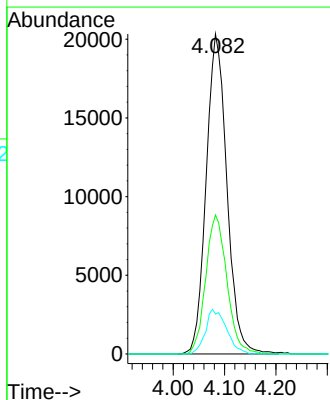
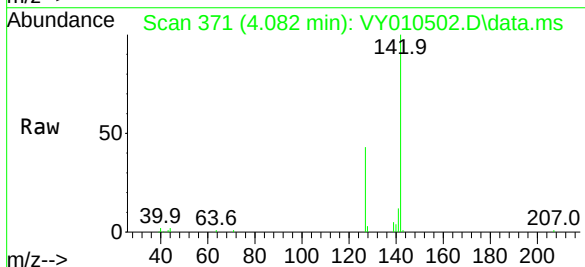
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

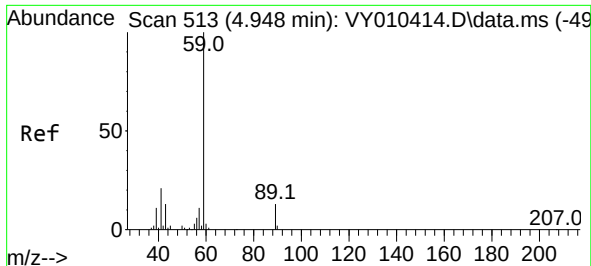
Tgt Ion:101 Resp: 50506
Ion Ratio Lower Upper
101 100
85 44.5 40.6 60.8
151 78.6 64.9 97.3



#10
Methyl Iodide
Concen: 19.603 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion:142 Resp: 57028
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.1 11.9 17.9

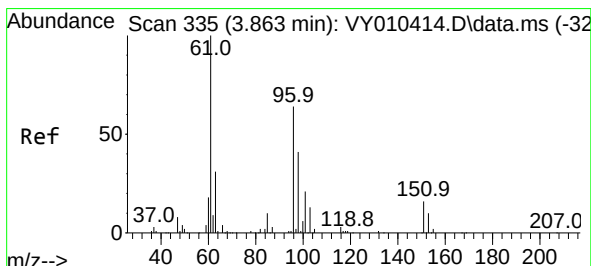
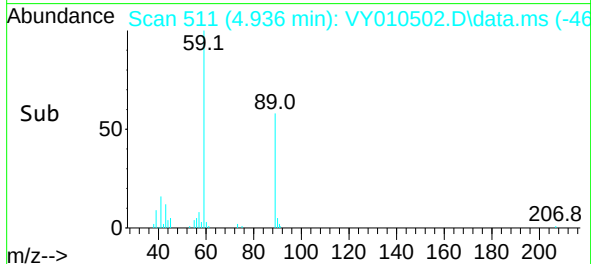
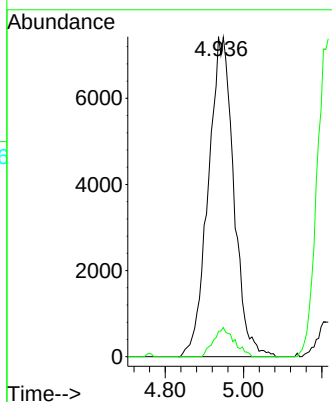
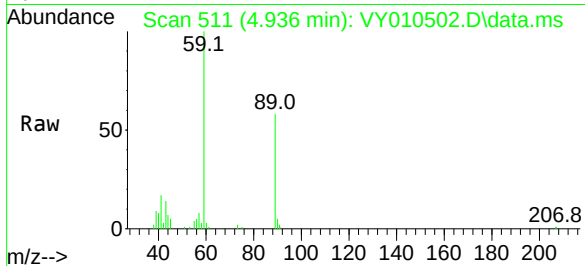




#11
Tert butyl alcohol
Concen: 117.788 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

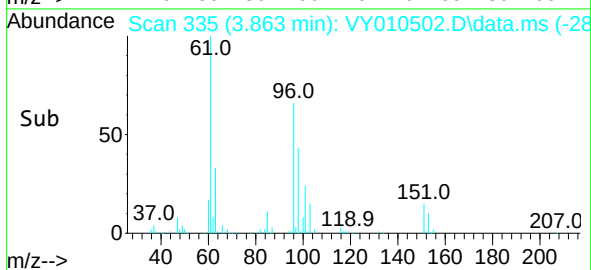
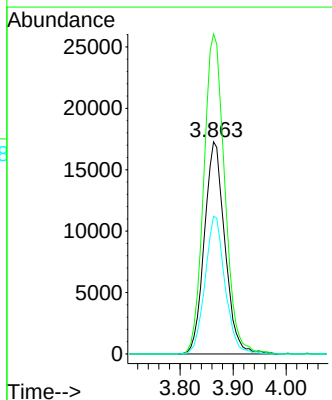
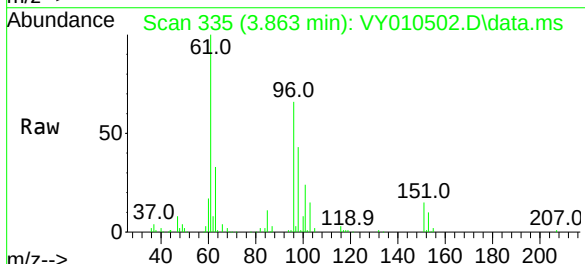
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

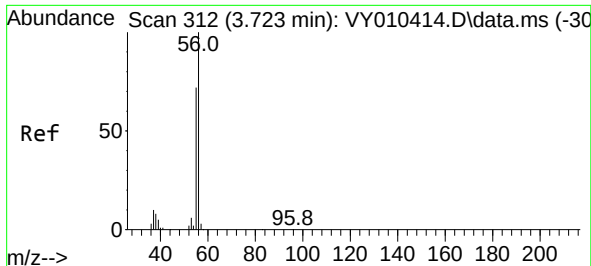
Tgt Ion: 59 Resp: 33615
Ion Ratio Lower Upper
59 100
57 7.3 6.4 9.6



#12
1,1-Dichloroethene
Concen: 21.064 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 96 Resp: 46457
Ion Ratio Lower Upper
96 100
61 150.8 145.8 218.6
98 64.9 52.5 78.7





#13

Acrolein

Concen: 80.590 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

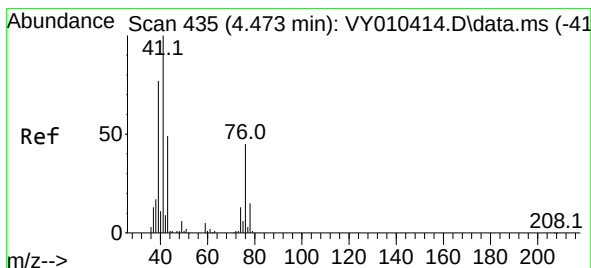
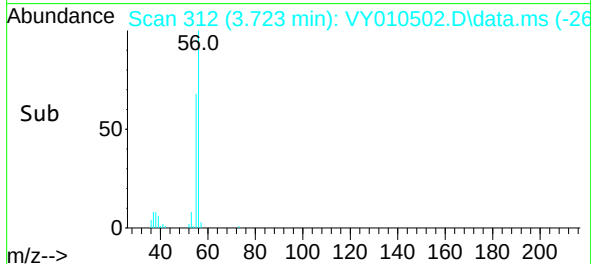
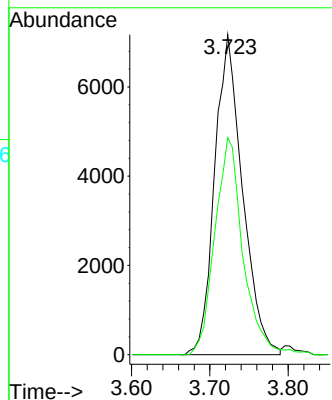
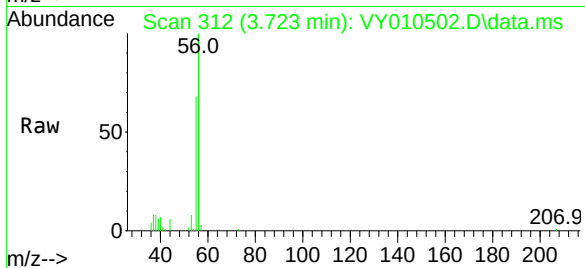
VY0915SBS01

Tgt Ion: 56 Resp: 17709

Ion Ratio Lower Upper

56 100

55 68.8 57.6 86.4



#14

Allyl chloride

Concen: 20.976 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

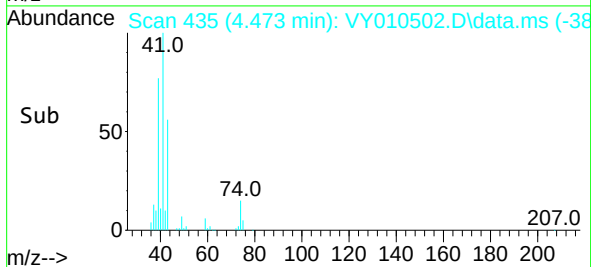
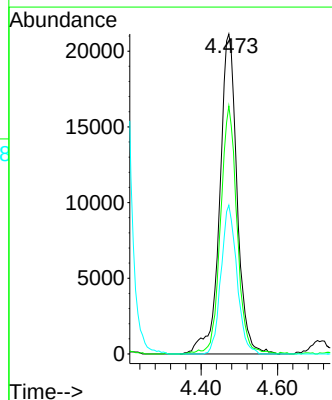
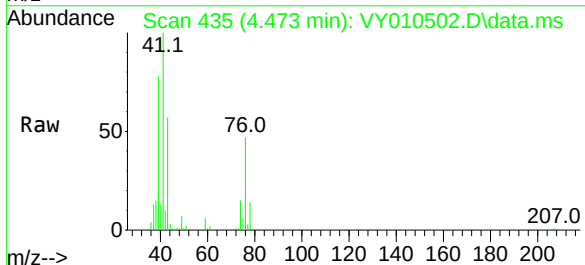
Tgt Ion: 41 Resp: 66620

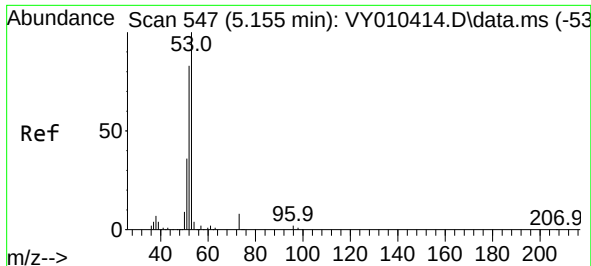
Ion Ratio Lower Upper

41 100

39 73.6 58.8 88.2

76 42.4 25.1 37.7#

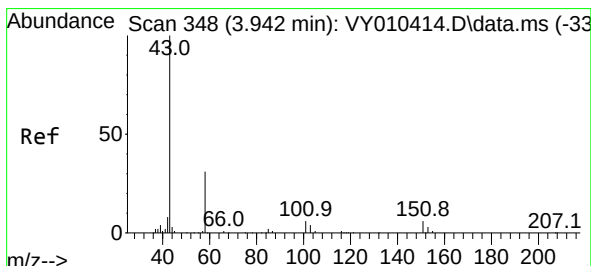
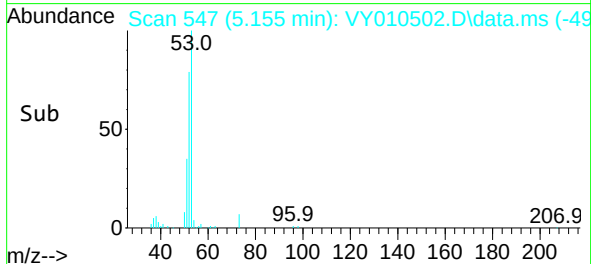
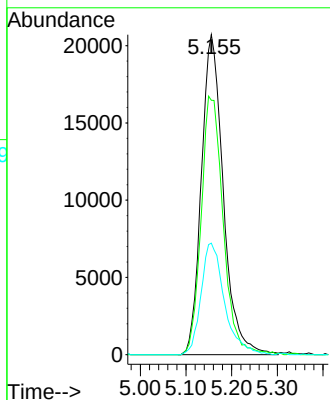
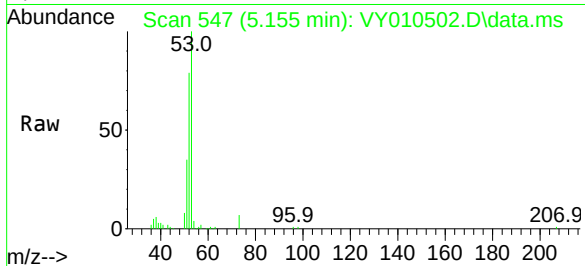




#15
Acrylonitrile
Concen: 109.873 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

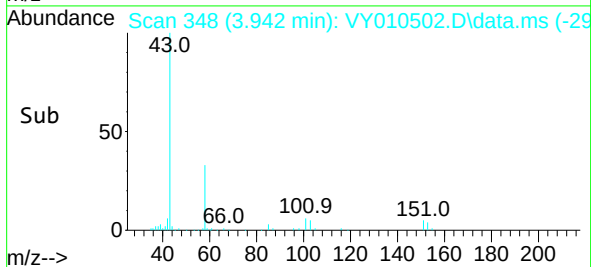
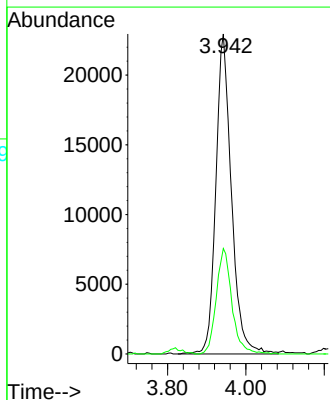
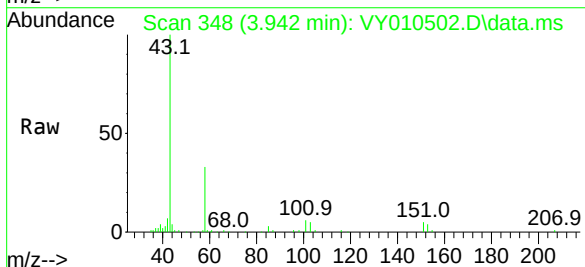
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

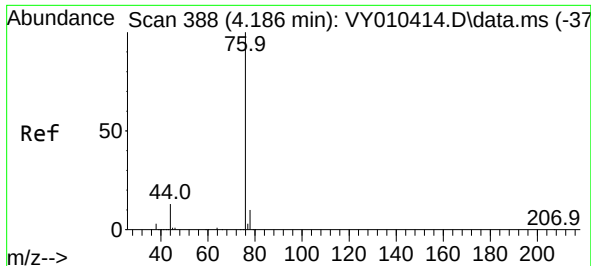
Tgt Ion: 53 Resp: 69168
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 37.2 29.8 44.6



#16
Acetone
Concen: 119.883 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 43 Resp: 63370
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

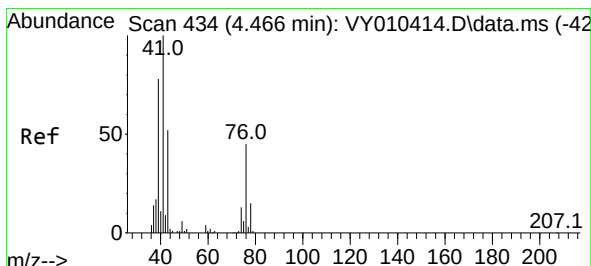
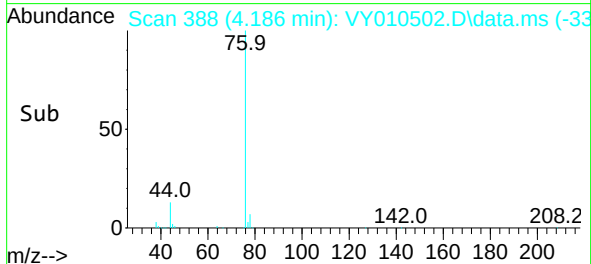
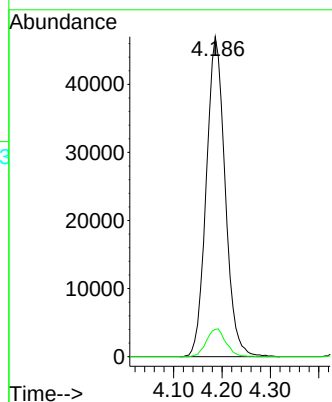
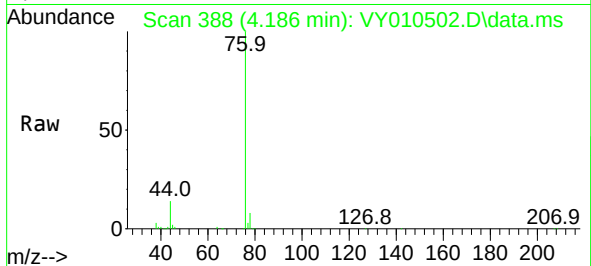




#17
Carbon Disulfide
Concen: 21.338 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

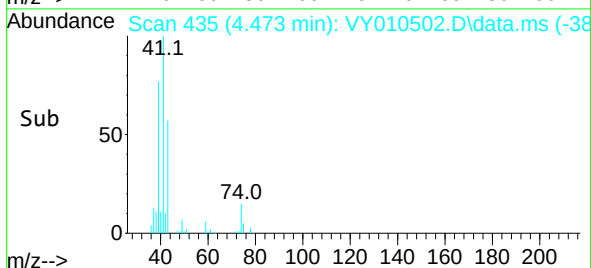
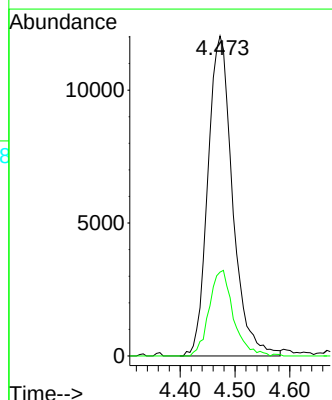
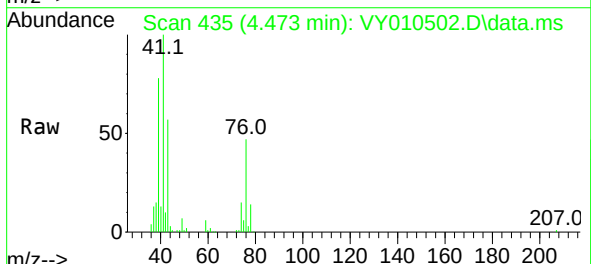
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

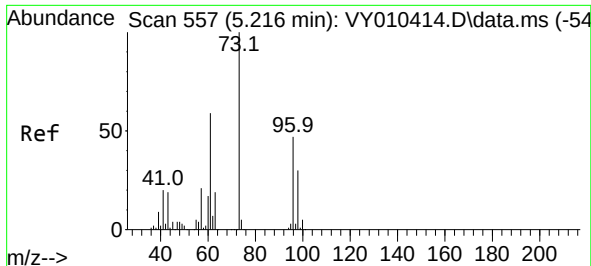
Tgt Ion: 76 Resp: 127265
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 23.167 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 43 Resp: 37674
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#

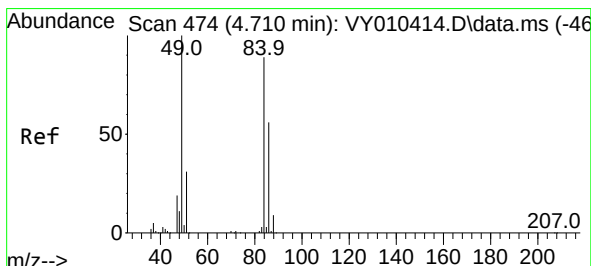
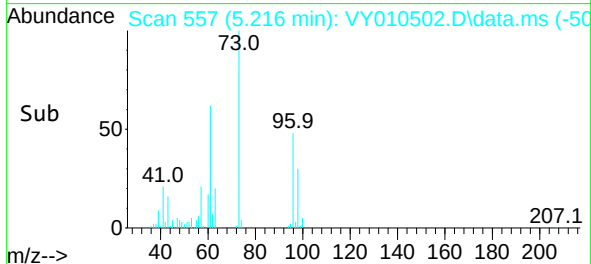
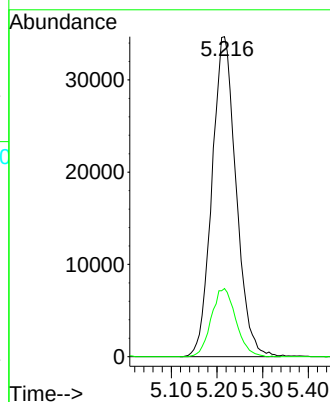
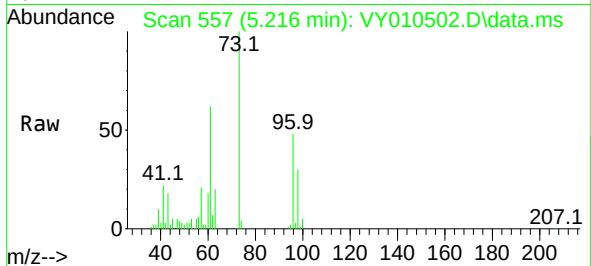




#19
Methyl tert-butyl Ether
Concen: 20.916 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

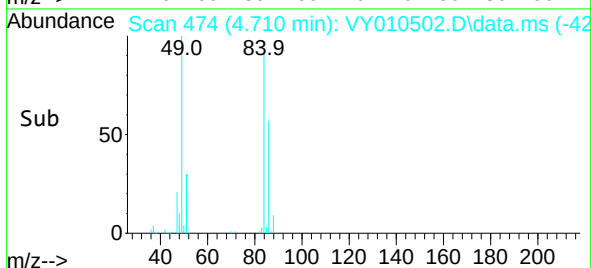
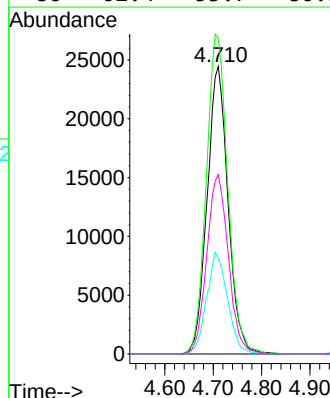
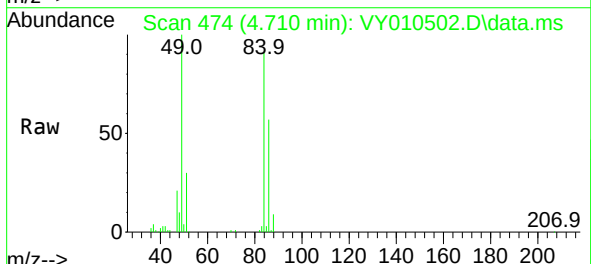
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

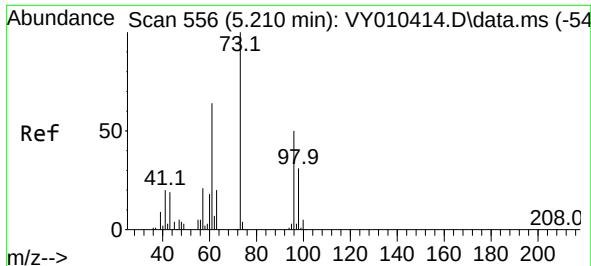
Tgt Ion: 73 Resp: 127393
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8



#20
Methylene Chloride
Concen: 25.335 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 84 Resp: 73524
Ion Ratio Lower Upper
84 100
49 109.6 114.4 171.6#
51 33.3 35.3 52.9#
86 62.4 53.7 80.5

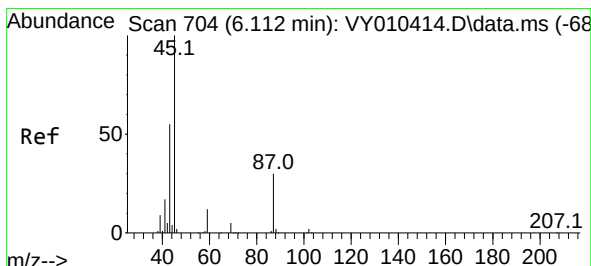
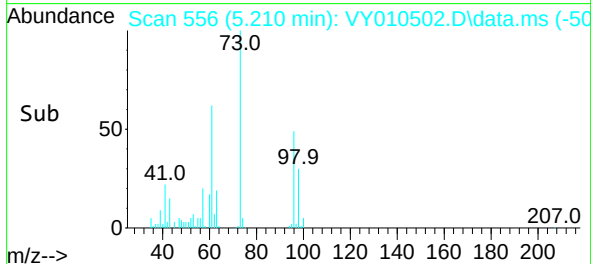
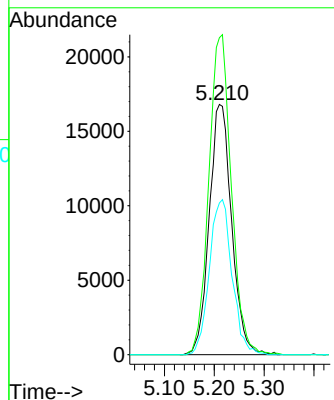
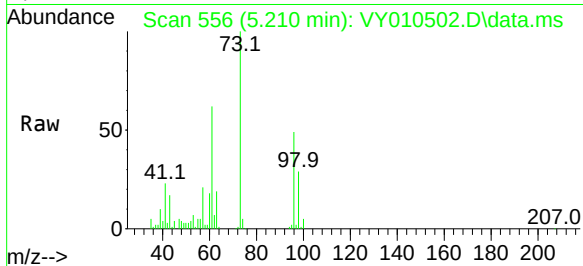




#21
trans-1,2-Dichloroethene
Concen: 20.995 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

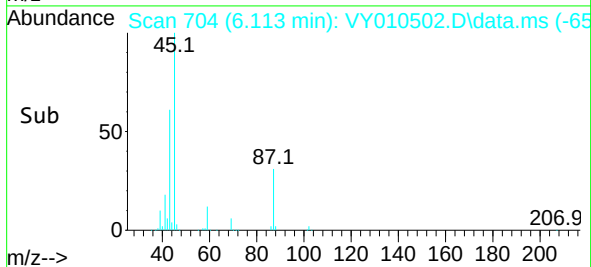
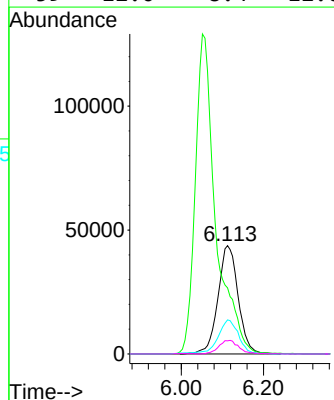
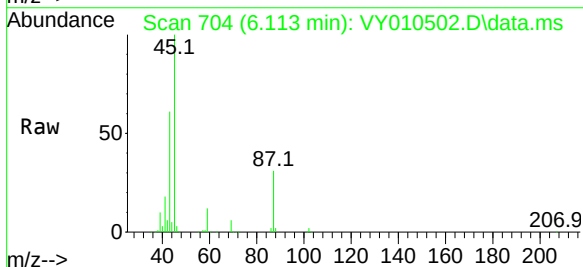
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

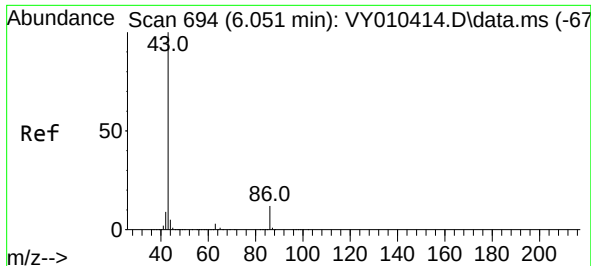
Tgt Ion: 96 Resp: 52576
Ion Ratio Lower Upper
96 100
61 126.7 120.5 180.7
98 60.6 49.8 74.8



#22
Diisopropyl ether
Concen: 21.041 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 45 Resp: 149185
Ion Ratio Lower Upper
45 100
43 60.2 49.3 73.9
87 31.5 19.2 28.8#
59 12.0 8.4 12.6

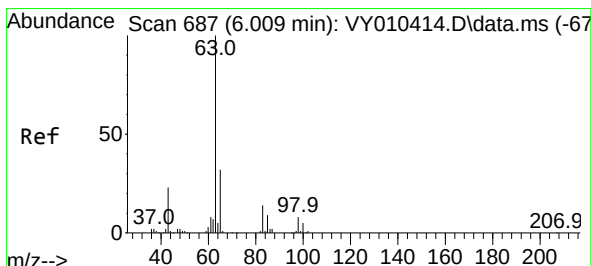
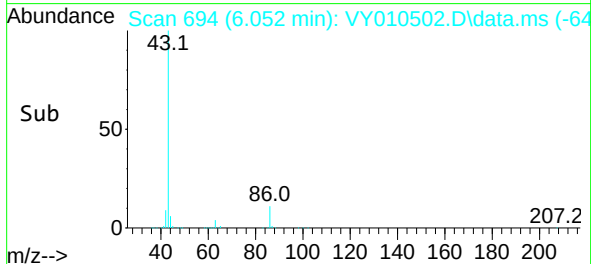
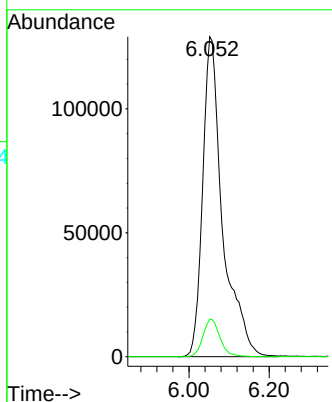
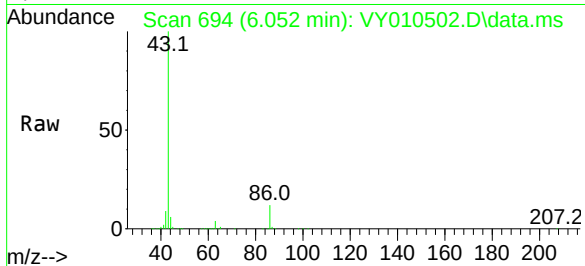




#23
 Vinyl Acetate
 Concen: 102.564 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY010502.D
 Acq: 15 Sep 2022 11:46

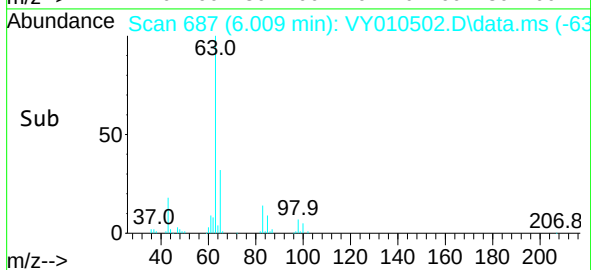
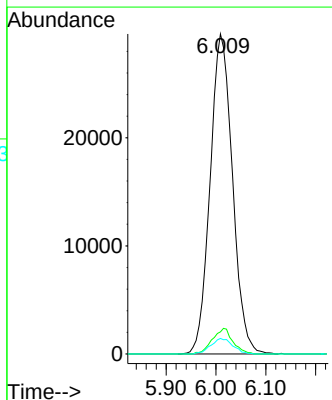
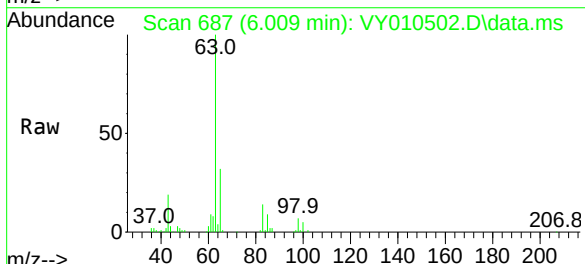
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBS01

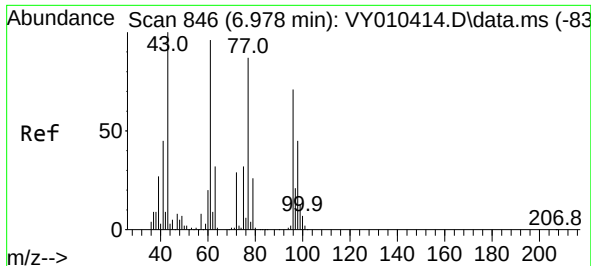
Tgt Ion: 43 Resp: 445650
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.488 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010502.D
 Acq: 15 Sep 2022 11:46

Tgt Ion: 63 Resp: 92238
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 111.620 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

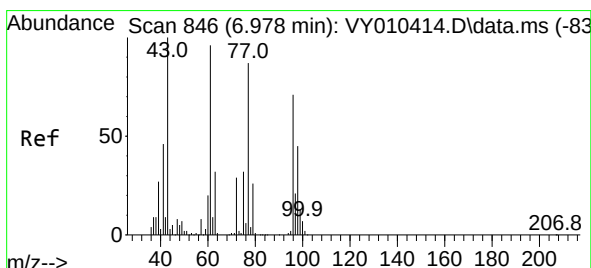
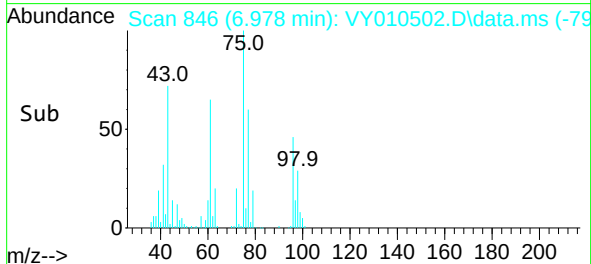
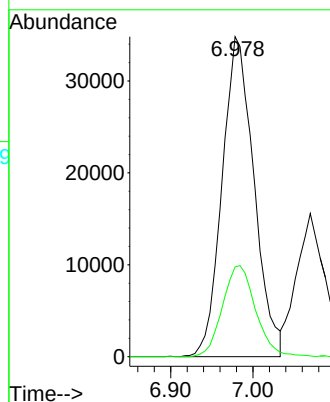
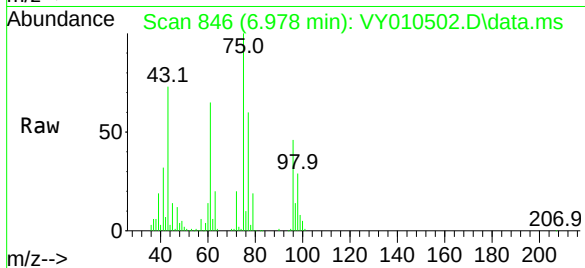
VY0915SBS01

Tgt Ion: 43 Resp: 93767

Ion Ratio Lower Upper

43 100

72 28.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 21.693 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010502.D

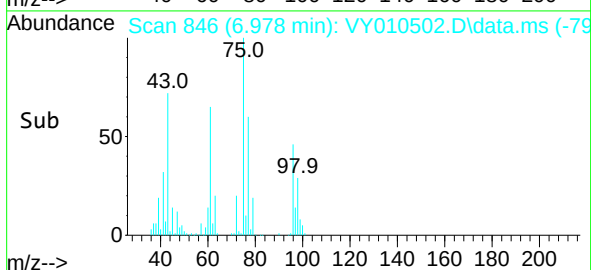
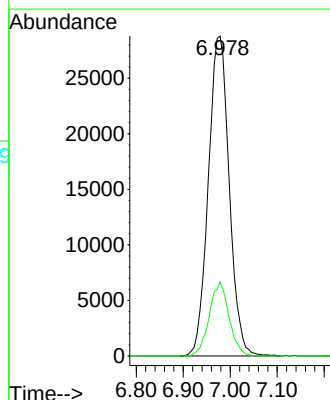
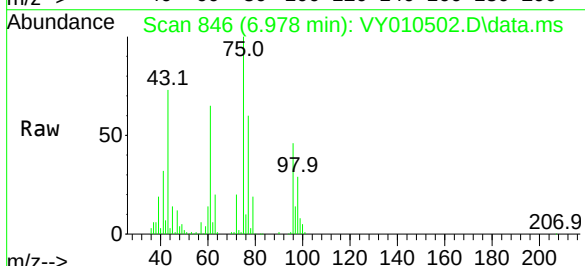
Acq: 15 Sep 2022 11:46

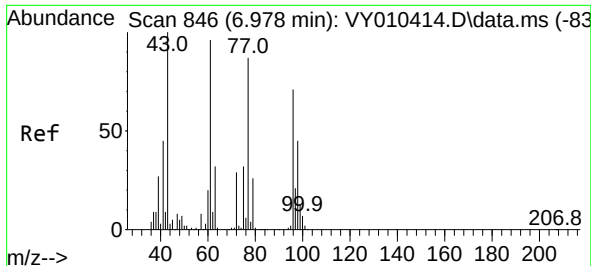
Tgt Ion: 77 Resp: 88854

Ion Ratio Lower Upper

77 100

97 21.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.825 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

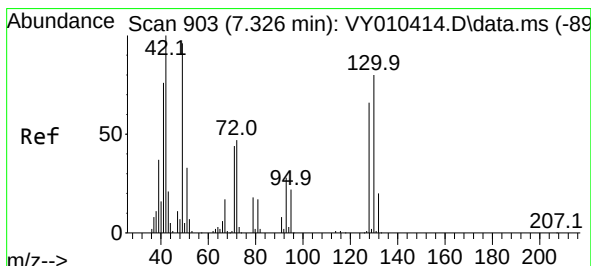
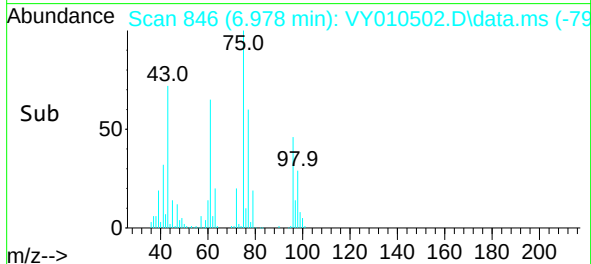
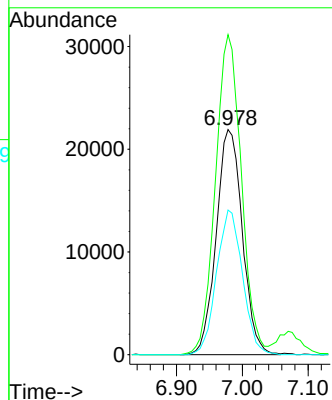
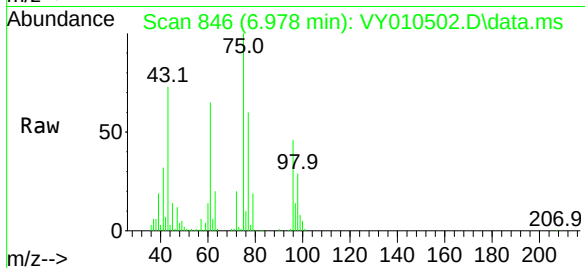
Tgt Ion: 96 Resp: 60619

Ion Ratio Lower Upper

96 100

61 141.3 0.0 319.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 16.997 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

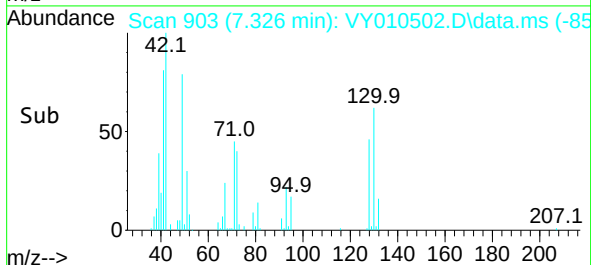
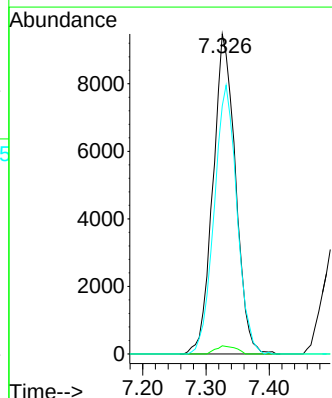
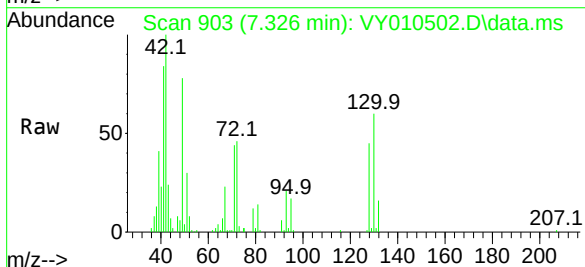
Tgt Ion: 49 Resp: 23392

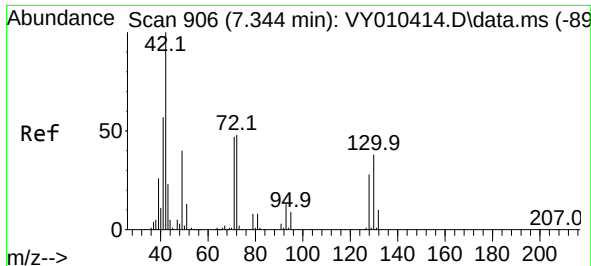
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 84.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 107.995 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

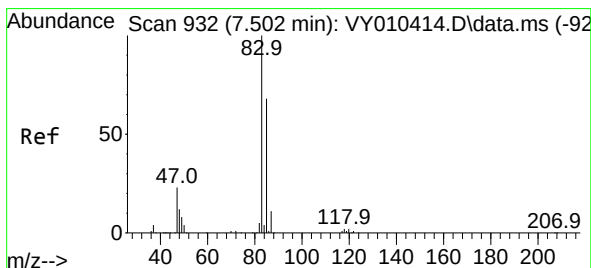
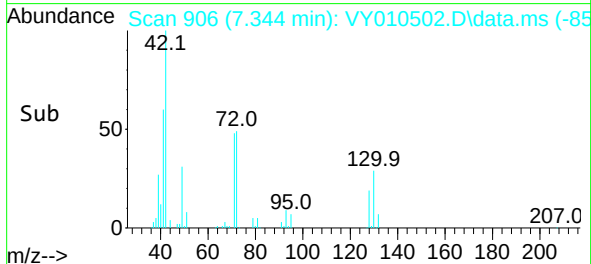
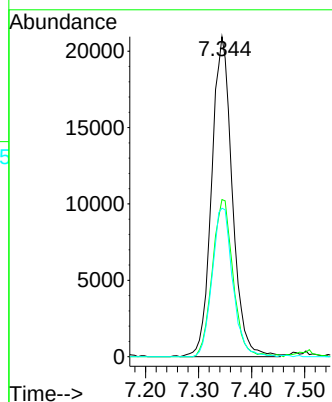
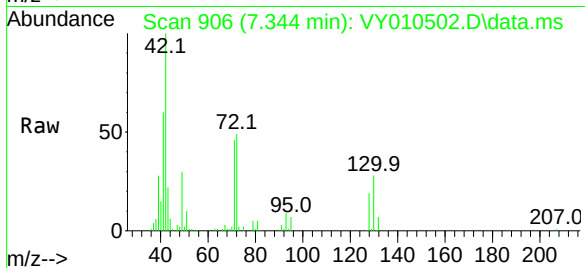
Tgt Ion: 42 Resp: 56621

Ion Ratio Lower Upper

42 100

72 49.4 30.3 45.5#

71 46.3 29.0 43.4#



#30

Chloroform

Concen: 21.619 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY010502.D

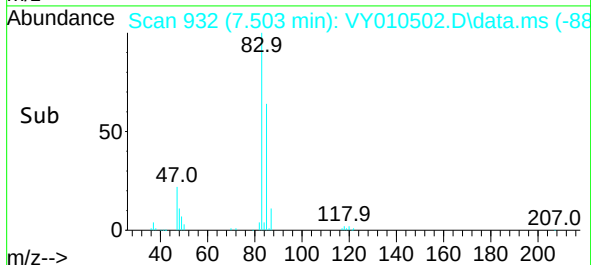
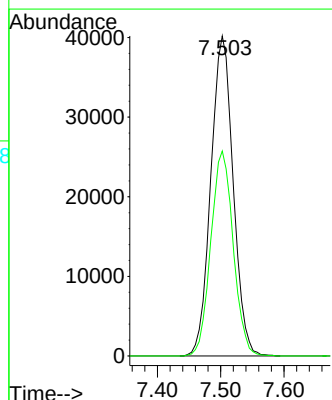
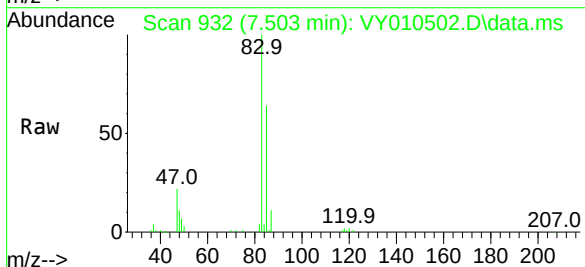
Acq: 15 Sep 2022 11:46

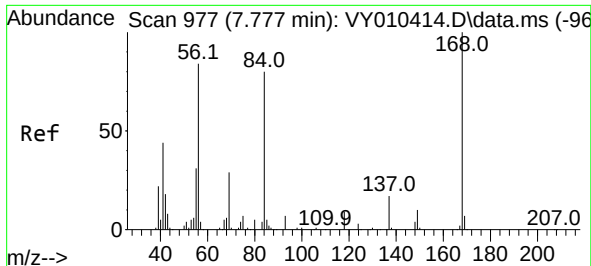
Tgt Ion: 83 Resp: 98436

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

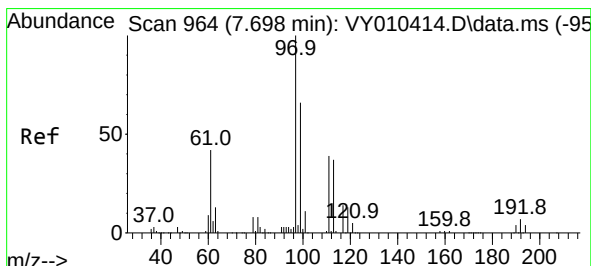
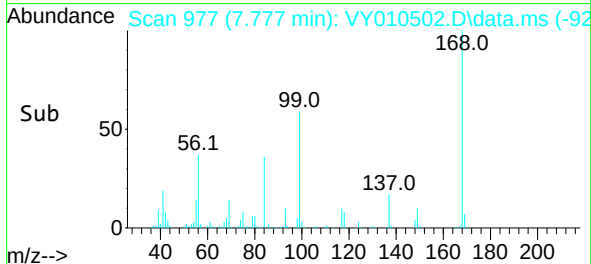
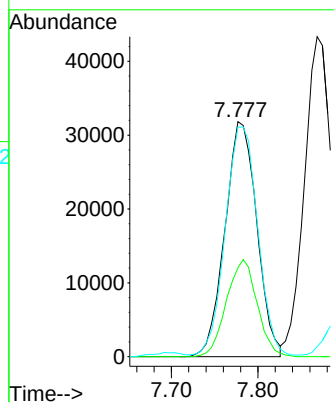
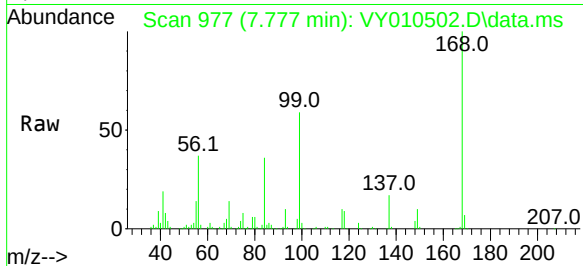




#31
Cyclohexane
Concen: 20.912 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

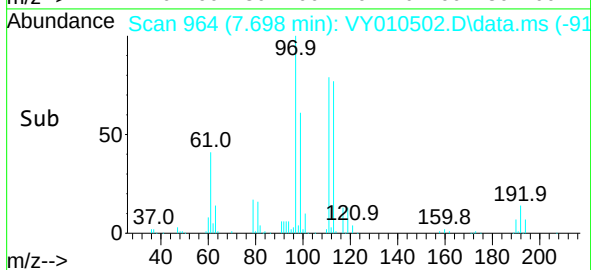
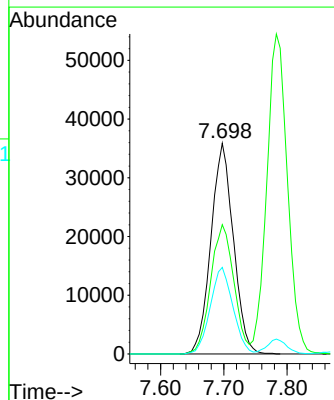
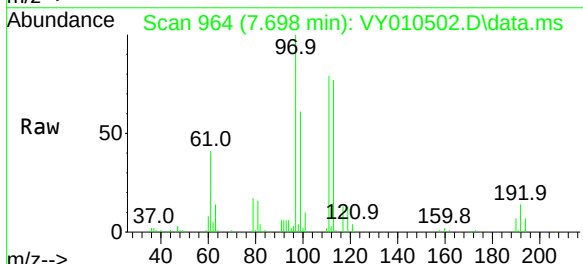
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

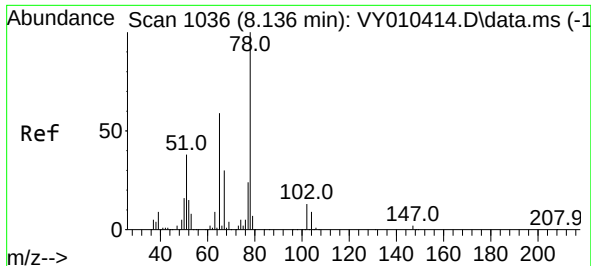
Tgt Ion: 56 Resp: 81374
Ion Ratio Lower Upper
56 100
69 37.9 26.7 40.1
84 96.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.434 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 97 Resp: 88369
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.964 ug/l

RT: 8.137 min Scan# 110479

Delta R.T. 0.001 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

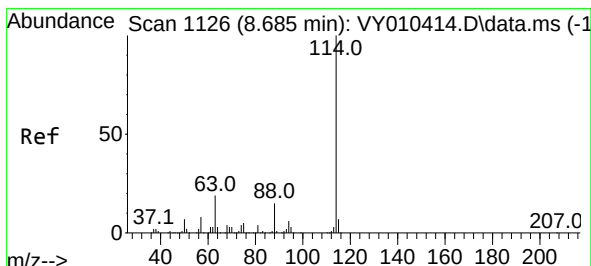
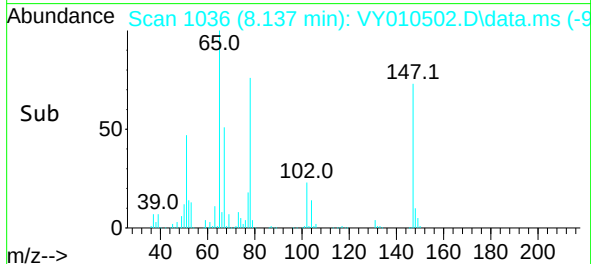
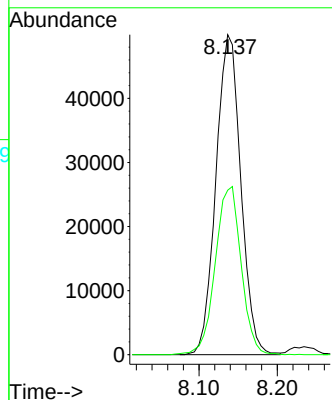
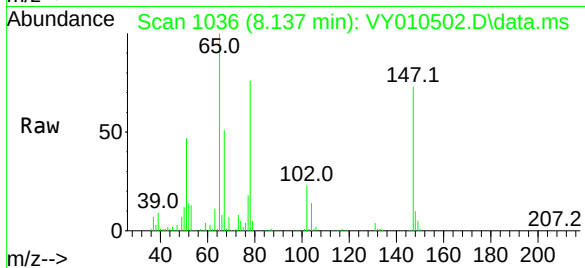
VY0915SBS01

Tgt Ion: 65 Resp: 110479

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

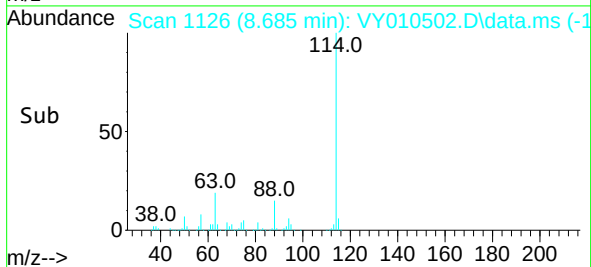
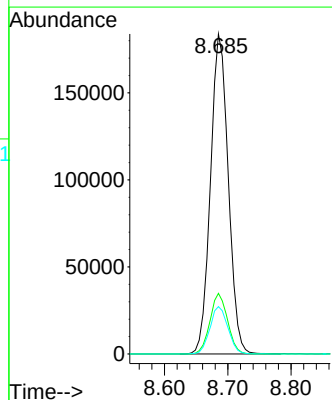
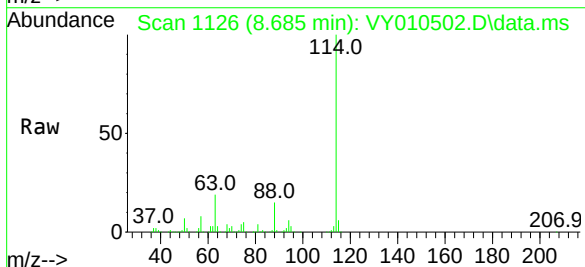
Tgt Ion: 114 Resp: 358693

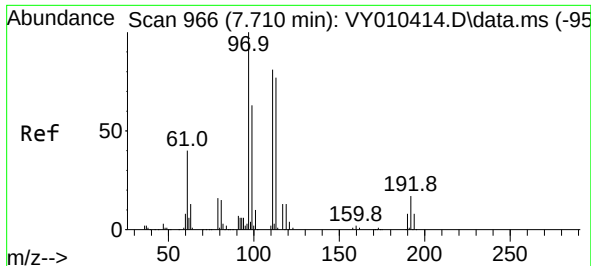
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 42.840 ug/l

RT: 7.716 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

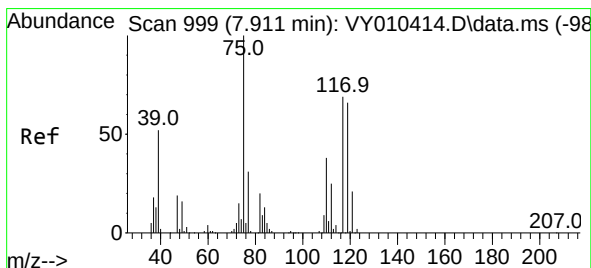
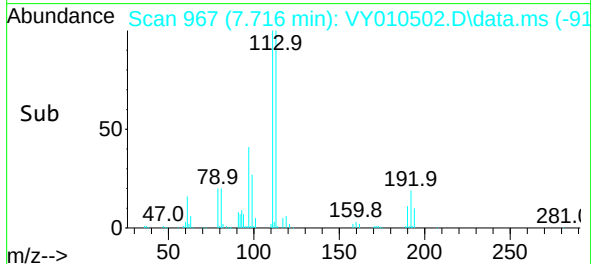
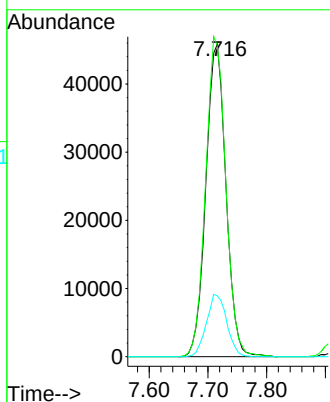
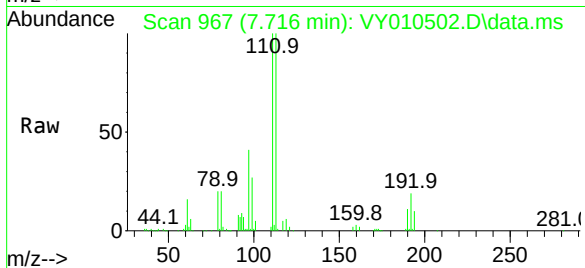
Tgt Ion:113 Resp: 109134

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.1 17.6 26.4



#36

1,1-Dichloropropene

Concen: 20.845 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

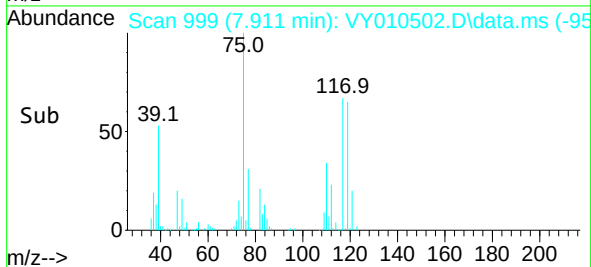
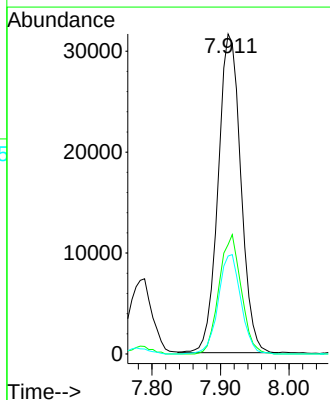
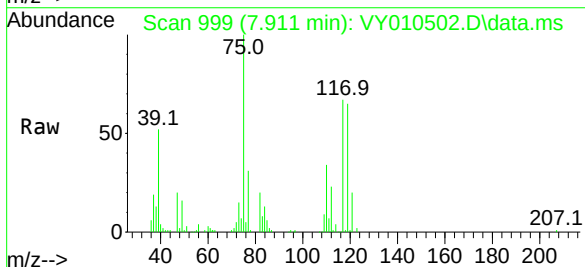
Tgt Ion: 75 Resp: 72695

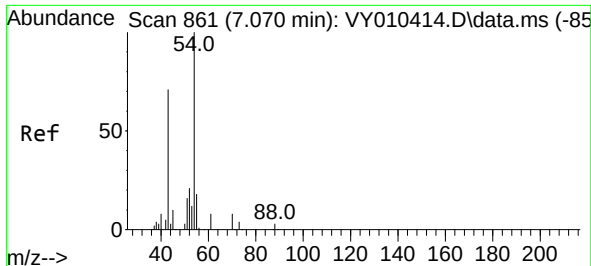
Ion Ratio Lower Upper

75 100

110 36.5 17.1 51.2

77 31.2 24.4 36.6

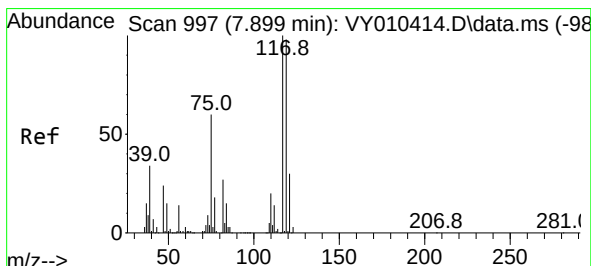
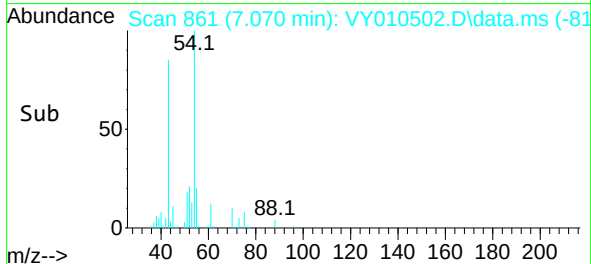
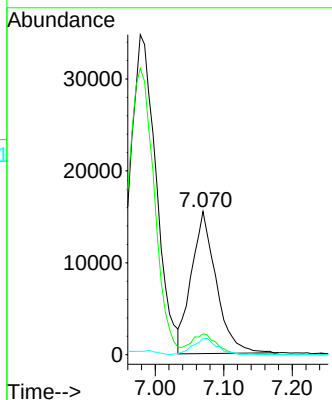
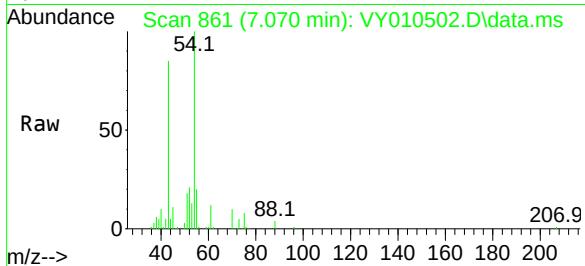




#37
Ethyl Acetate
Concen: 21.253 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

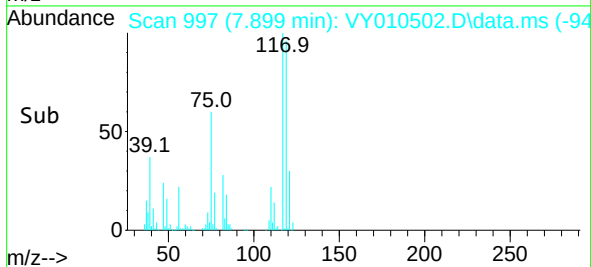
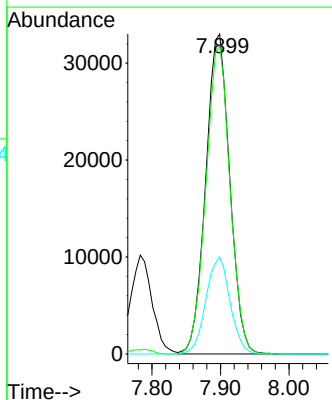
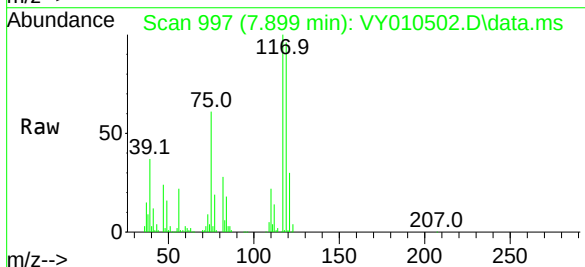
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

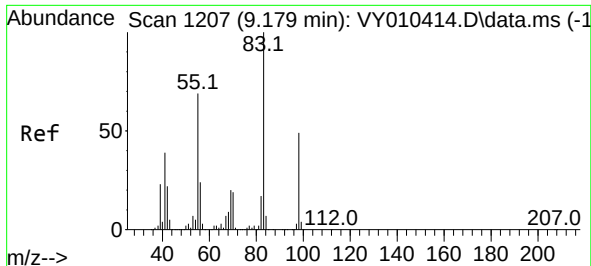
Tgt Ion: 43 Resp: 38964
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5#
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.723 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 117 Resp: 80405
Ion Ratio Lower Upper
117 100
119 96.3 77.9 116.9
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.341 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

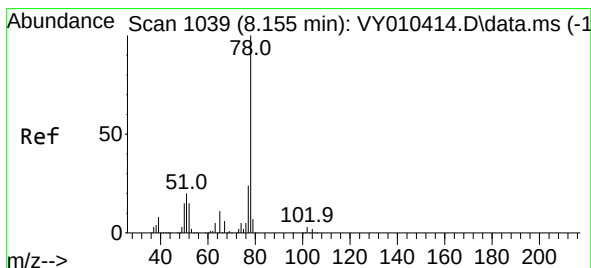
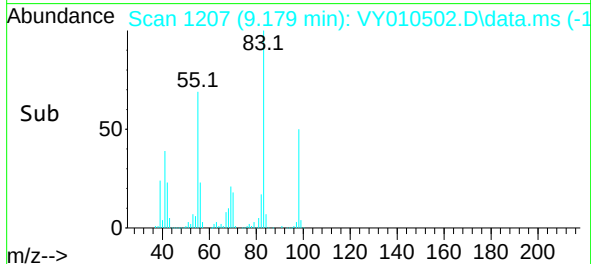
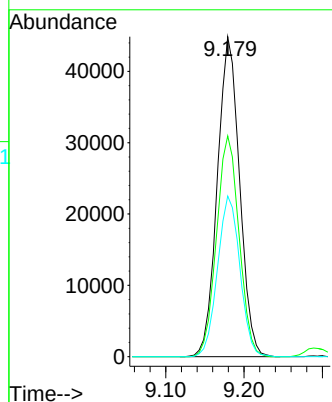
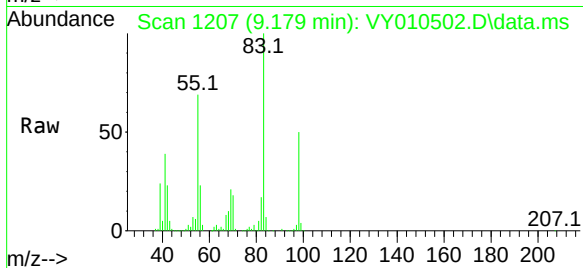
Tgt Ion: 83 Resp: 88454

Ion Ratio Lower Upper

83 100

55 69.0 66.5 99.7

98 50.2 37.9 56.9



#40

Benzene

Concen: 20.870 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010502.D

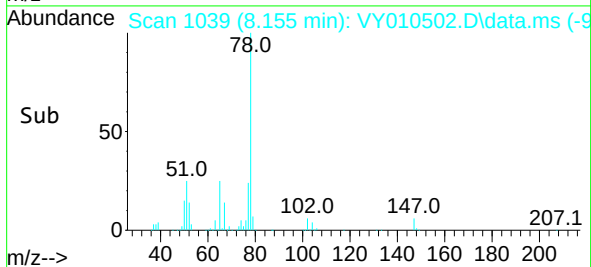
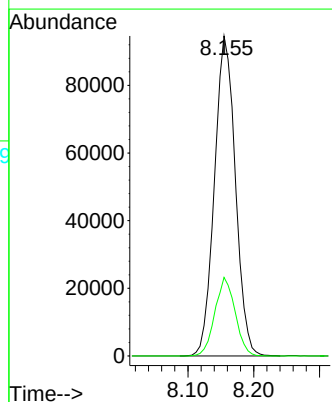
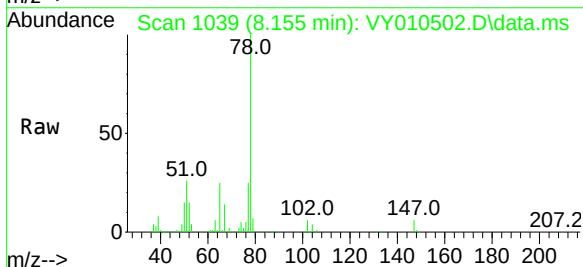
Acq: 15 Sep 2022 11:46

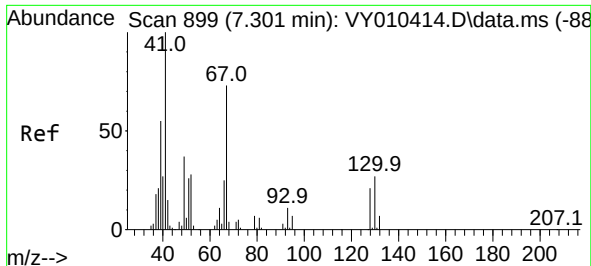
Tgt Ion: 78 Resp: 209519

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

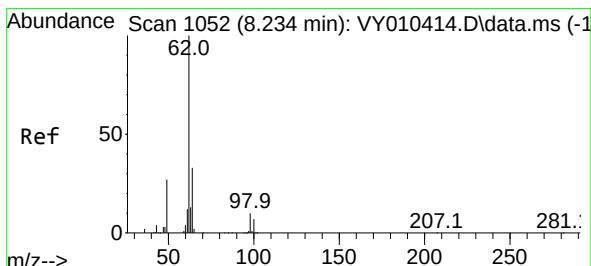
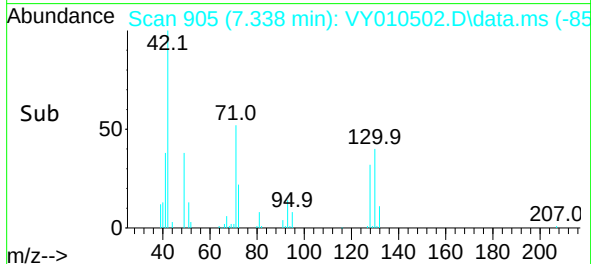
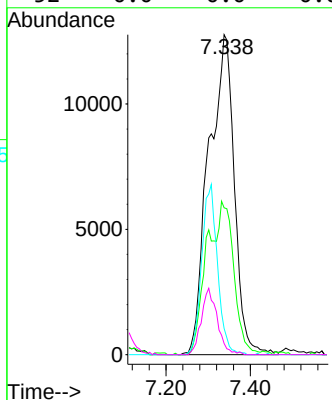
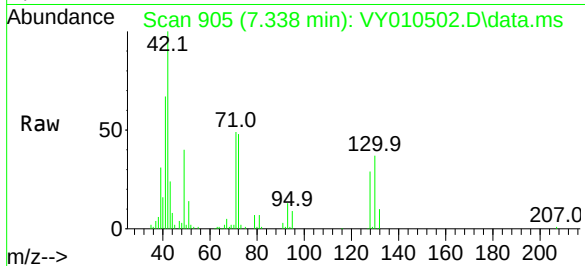




#41
Methacrylonitrile
Concen: 51.297 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

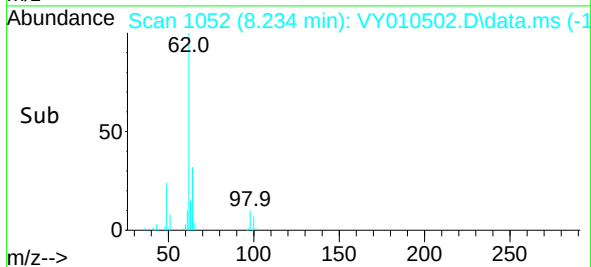
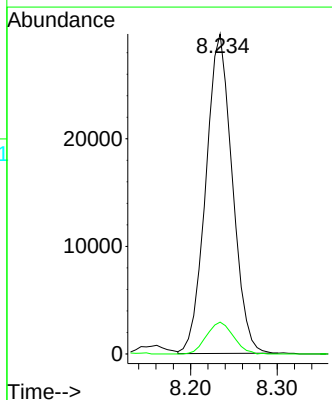
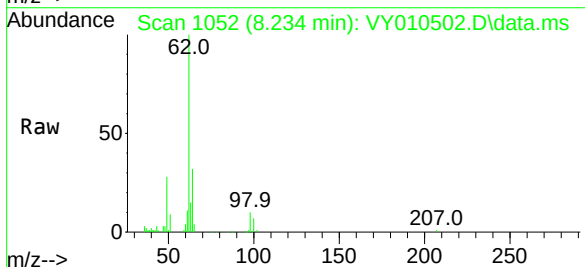
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

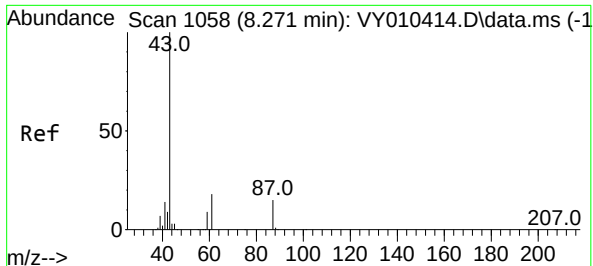
Tgt Ion: 41 Resp: 53764
Ion Ratio Lower Upper
41 100
39 27.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.109 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 62 Resp: 63020
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.597 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

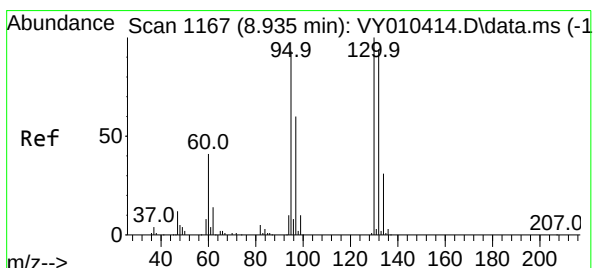
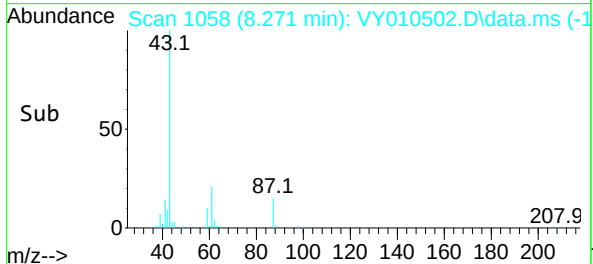
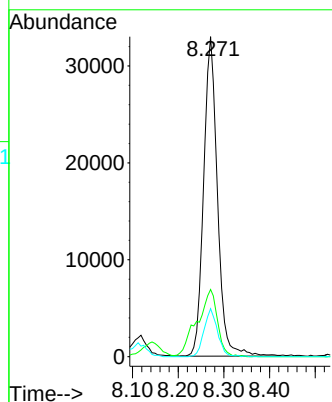
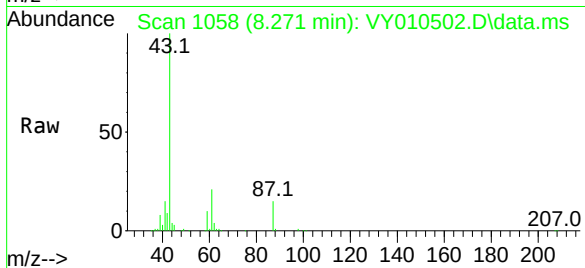
Tgt Ion: 43 Resp: 69106

Ion Ratio Lower Upper

43 100

61 31.1 20.2 30.2#

87 14.8 8.9 13.3#



#44

Trichloroethene

Concen: 20.735 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY010502.D

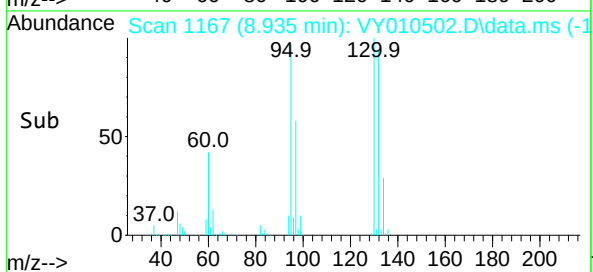
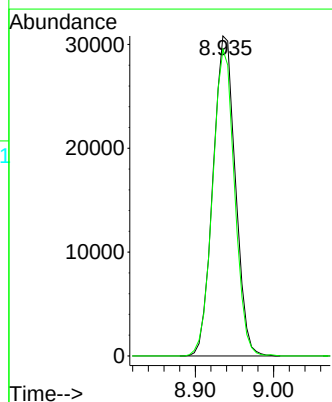
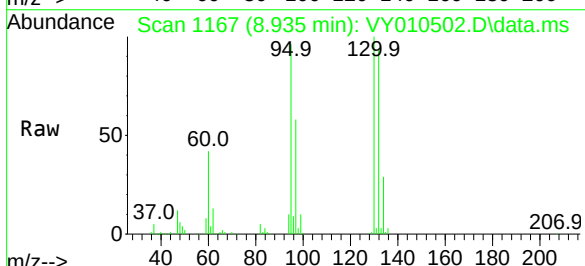
Acq: 15 Sep 2022 11:46

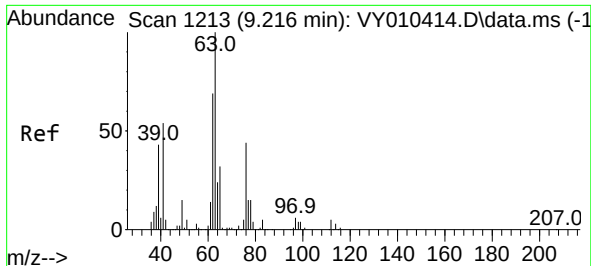
Tgt Ion: 130 Resp: 61276

Ion Ratio Lower Upper

130 100

95 95.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.972 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

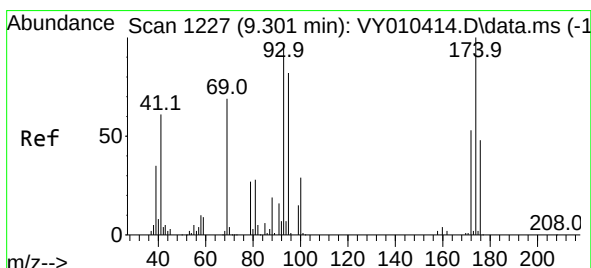
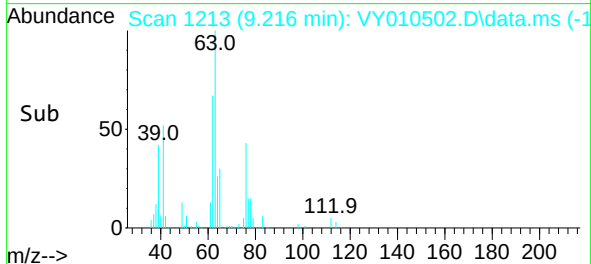
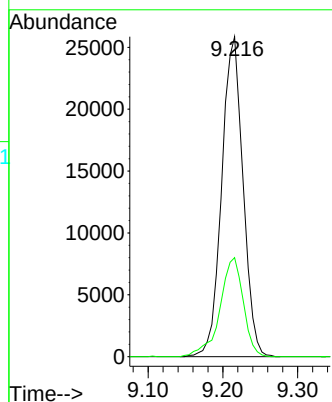
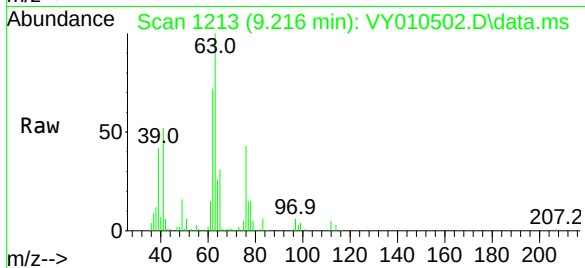
VY0915SBS01

Tgt Ion: 63 Resp: 51350

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.6



#46

Dibromomethane

Concen: 21.093 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

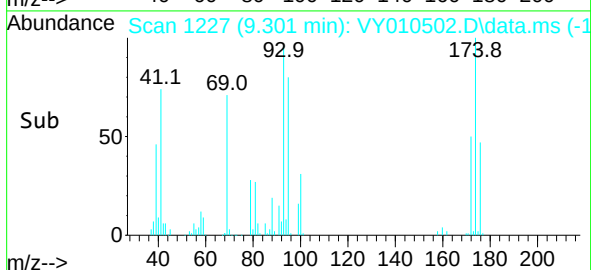
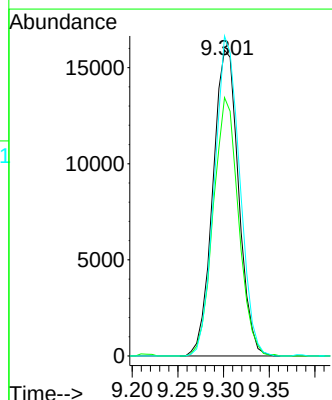
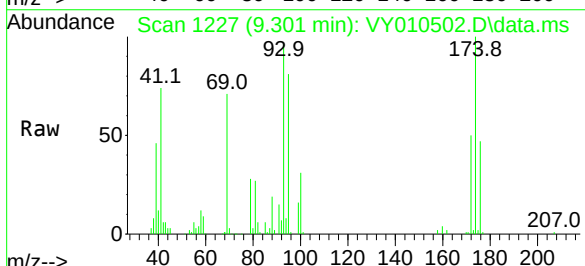
Tgt Ion: 93 Resp: 31144

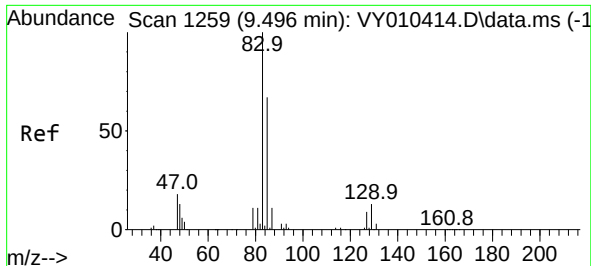
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 102.3 83.4 125.0

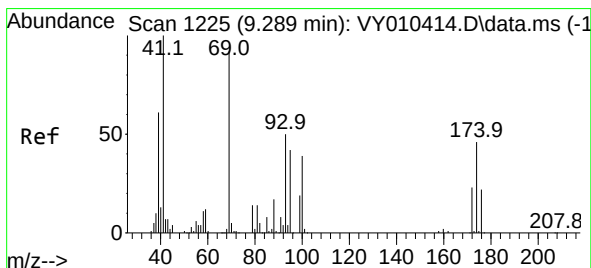
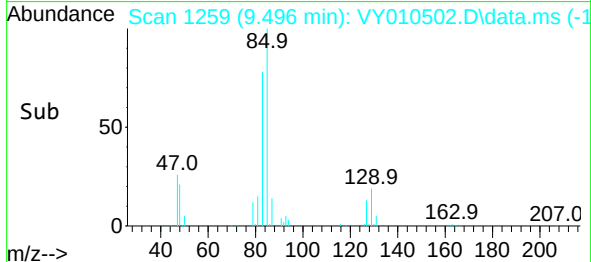
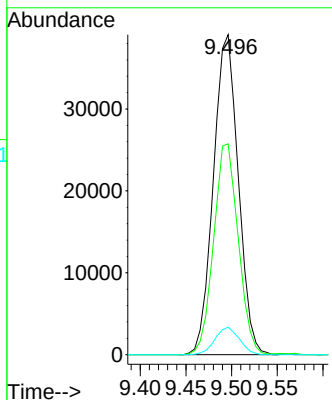
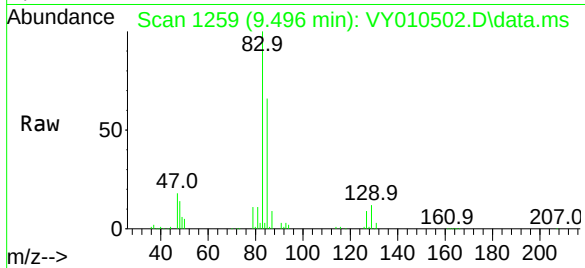




#47
Bromodichloromethane
Concen: 21.095 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

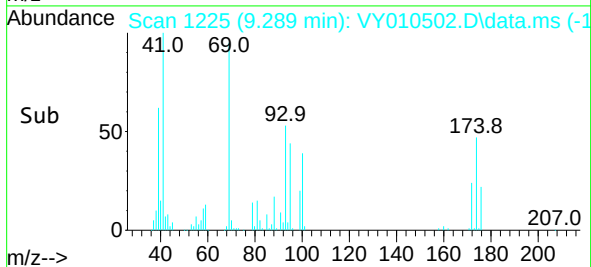
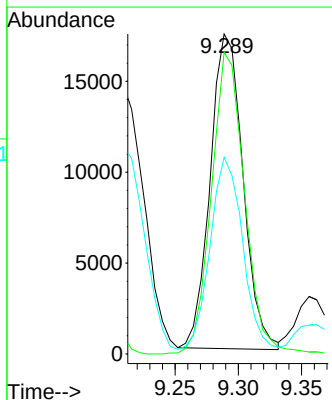
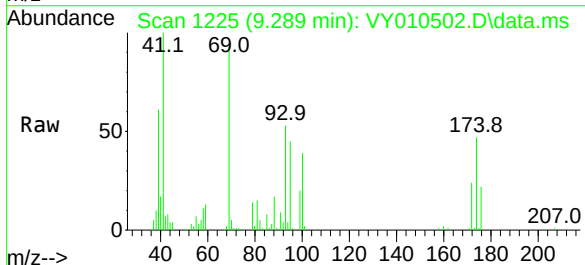
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

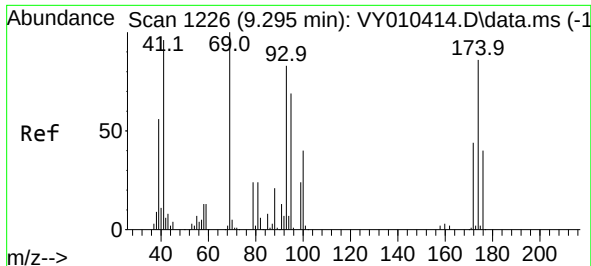
Tgt Ion: 83 Resp: 73983
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 20.732 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 41 Resp: 31240
Ion Ratio Lower Upper
41 100
69 97.0 58.2 87.2#
39 60.5 47.4 71.0





#49

1,4-Dioxane

Concen: 408.786 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

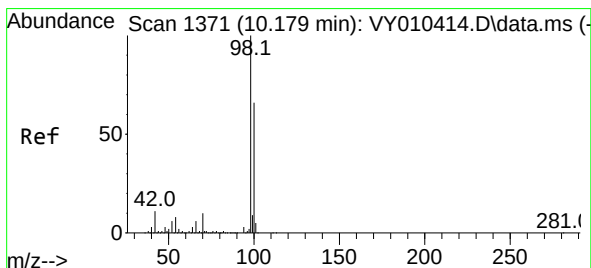
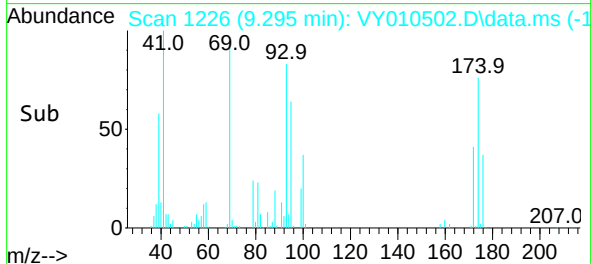
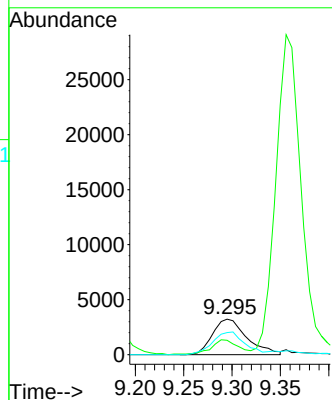
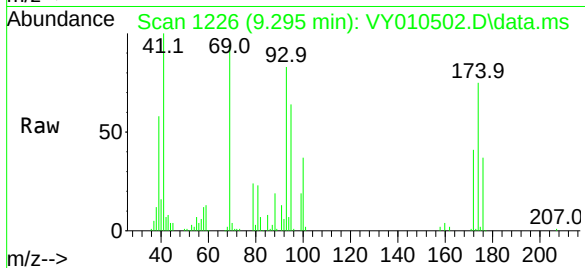
Tgt Ion: 88 Resp: 7990

Ion Ratio Lower Upper

88 100

43 33.9 32.8 49.2

58 60.0 59.8 89.6



#50

Toluene-d8

Concen: 48.091 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010502.D

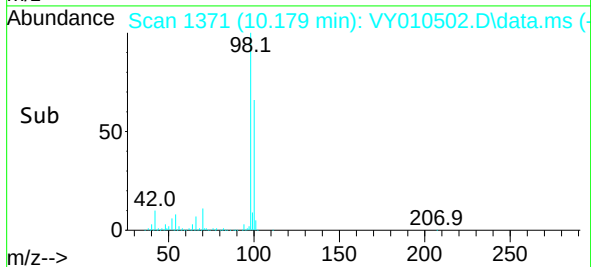
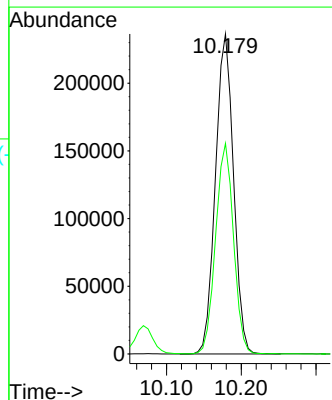
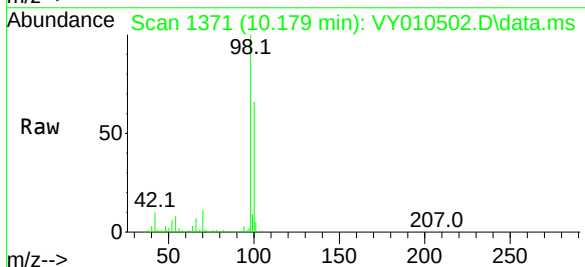
Acq: 15 Sep 2022 11:46

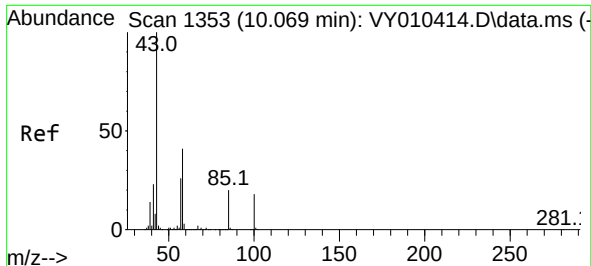
Tgt Ion: 98 Resp: 397049

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

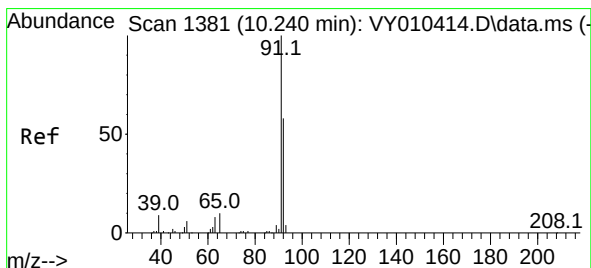
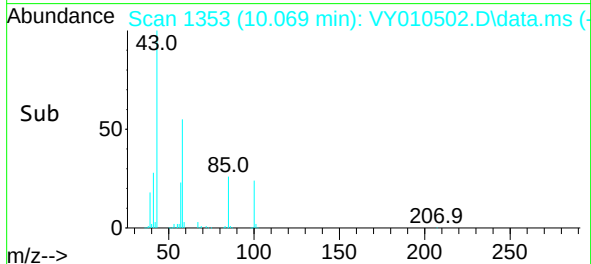
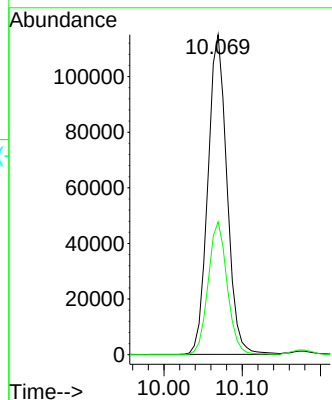
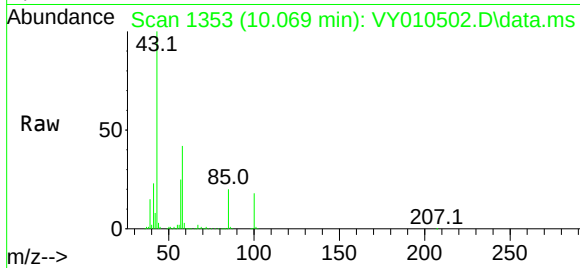




#51
4-Methyl-2-Pentanone
Concen: 105.601 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

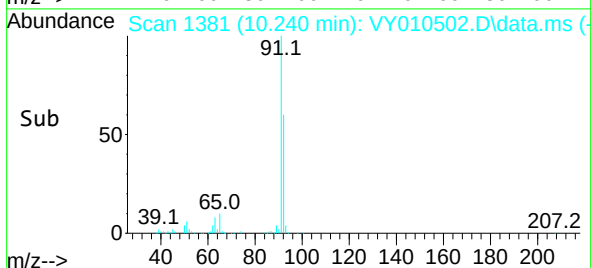
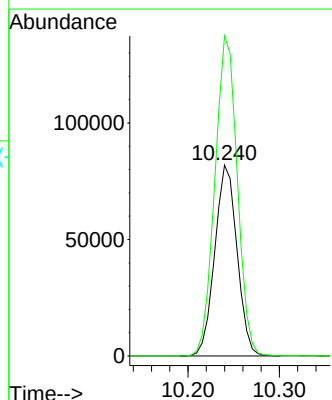
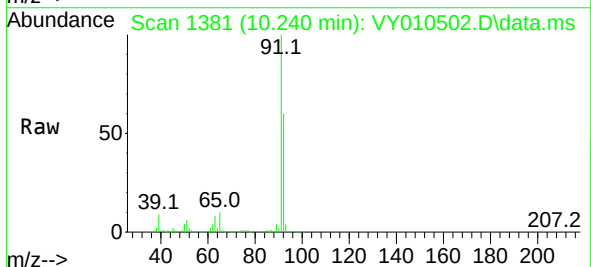
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

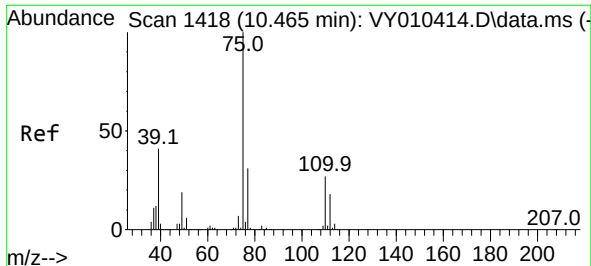
Tgt Ion: 43 Resp: 194342
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 21.146 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 92 Resp: 138920
Ion Ratio Lower Upper
92 100
91 168.9 142.6 213.8

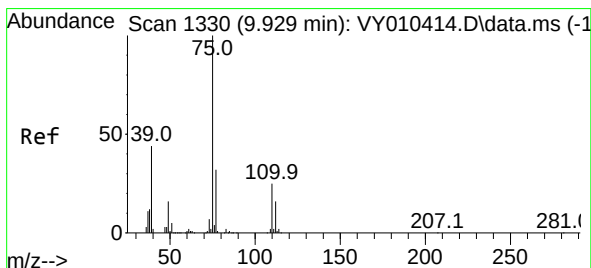
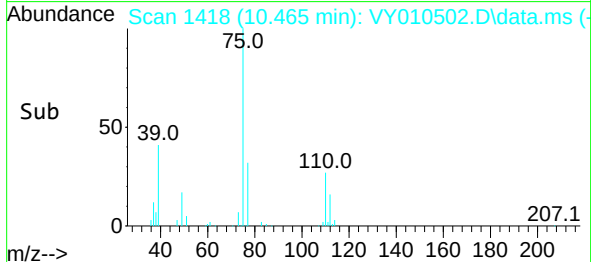
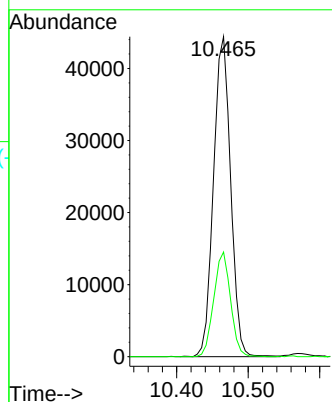
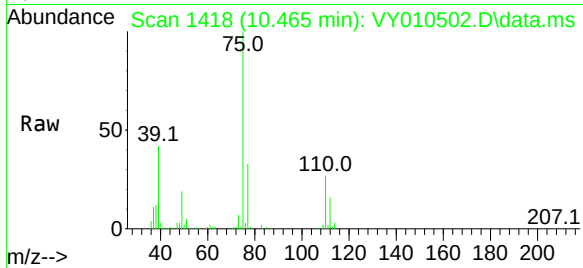




#53
t-1,3-Dichloropropene
Concen: 20.482 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

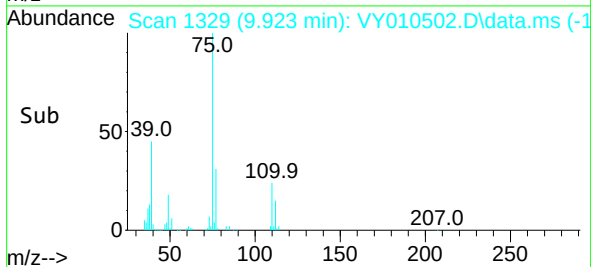
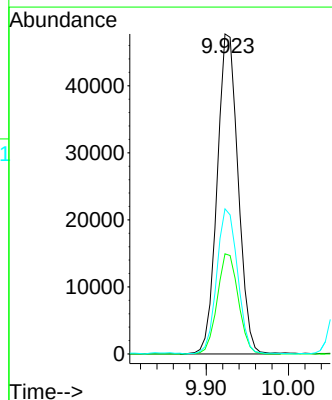
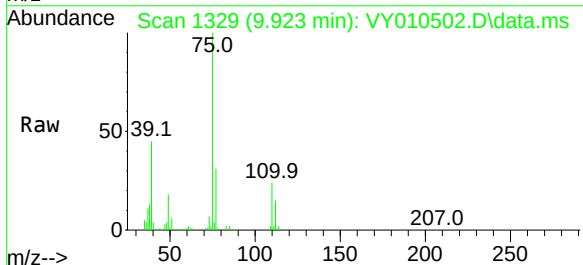
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

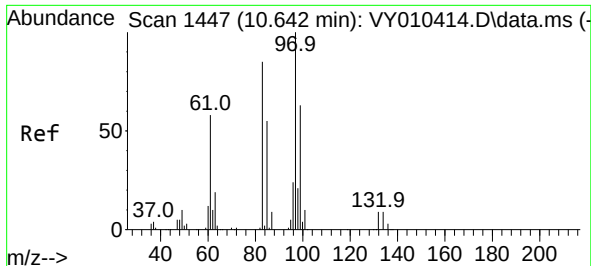
Tgt Ion: 75 Resp: 73924
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.740 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 75 Resp: 84431
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 45.2 47.6 71.4#

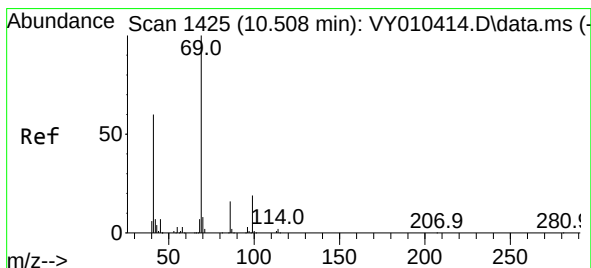
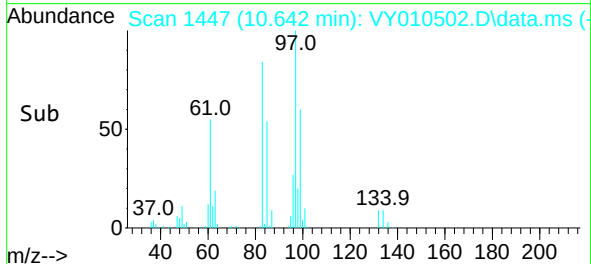
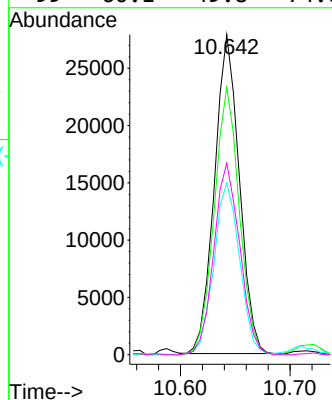
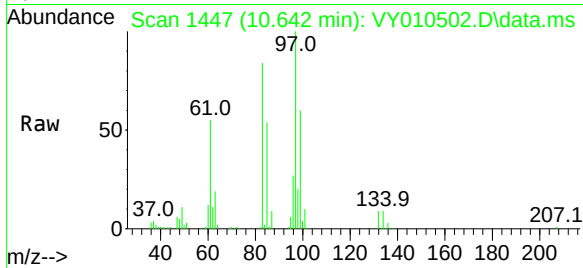




#55
1,1,2-Trichloroethane
Concen: 20.894 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

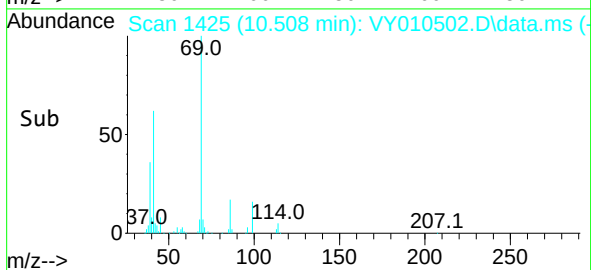
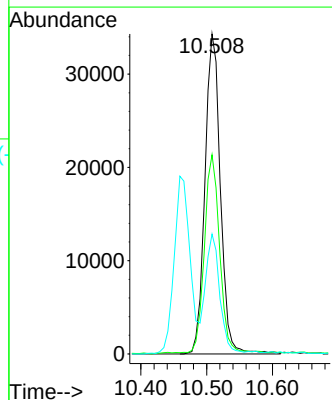
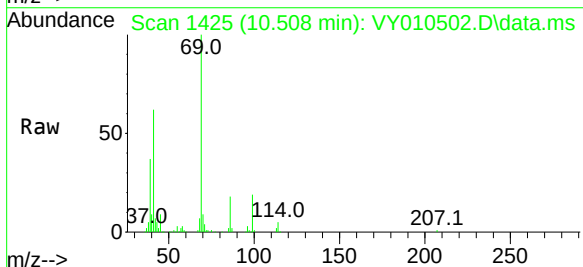
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

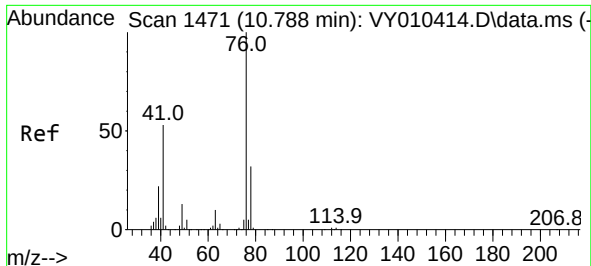
Tgt Ion:	97	Resp:	43885
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.8	104.8
85	53.8	44.3	66.5
99	60.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 20.341 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion:	69	Resp:	56109
Ion	Ratio	Lower	Upper
69	100		
41	60.5	63.4	95.0#
39	33.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 21.123 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

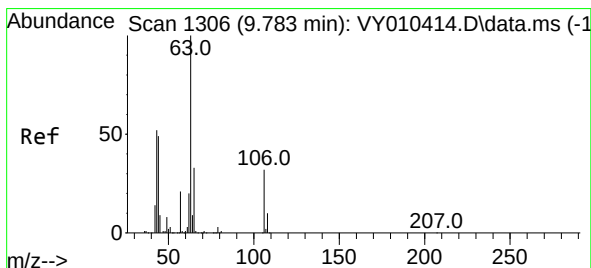
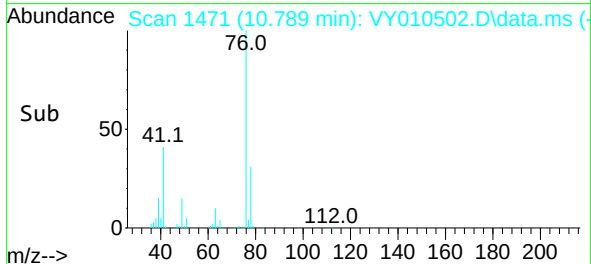
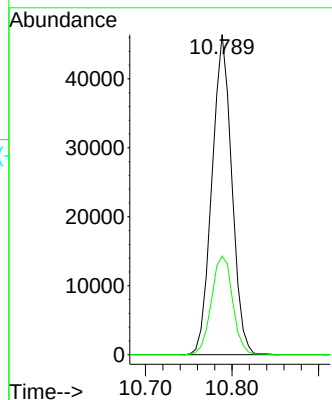
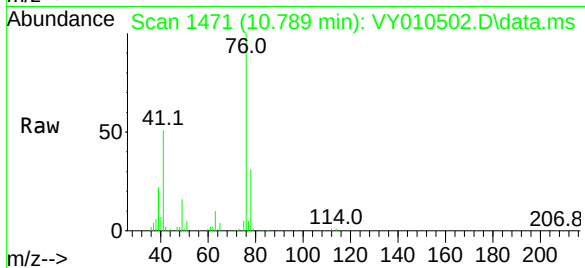
VY0915SBS01

Tgt Ion: 76 Resp: 73770

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 141.094 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010502.D

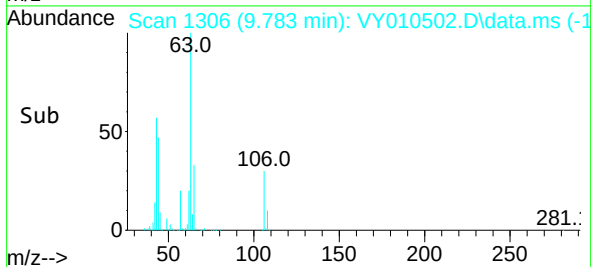
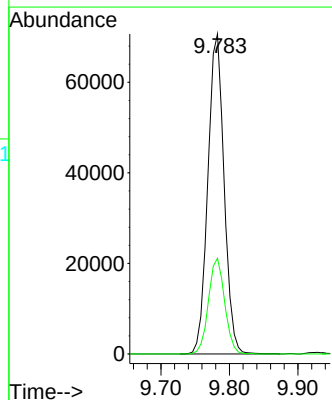
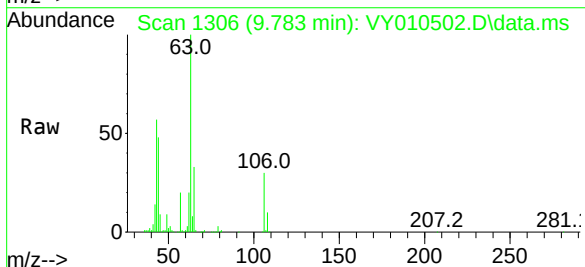
Acq: 15 Sep 2022 11:46

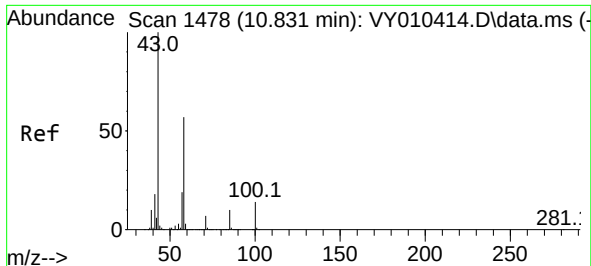
Tgt Ion: 63 Resp: 116546

Ion Ratio Lower Upper

63 100

106 29.9 21.5 32.3

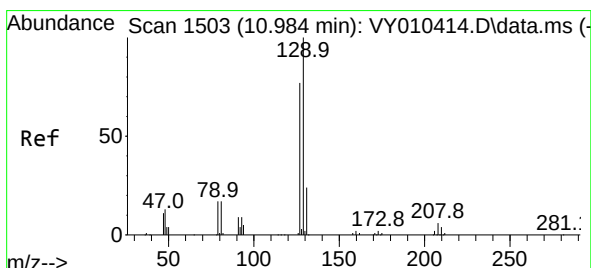
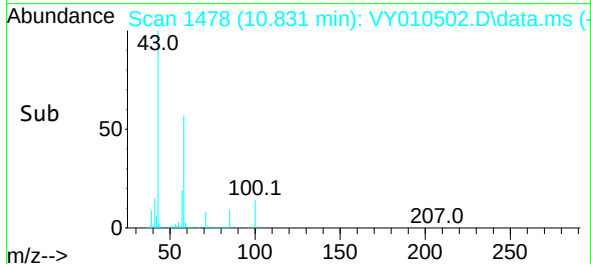
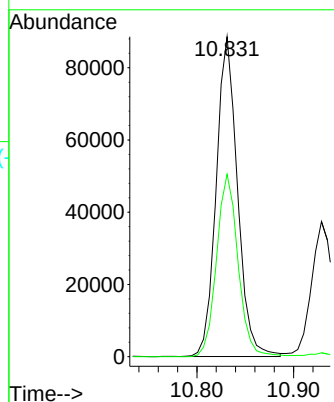
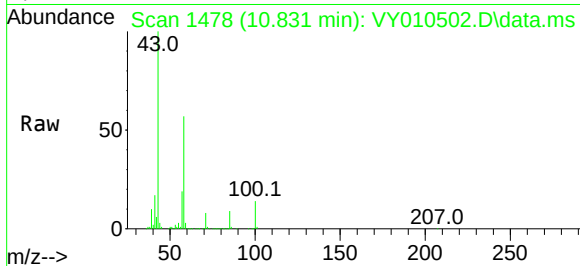




#59
2-Hexanone
Concen: 107.826 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

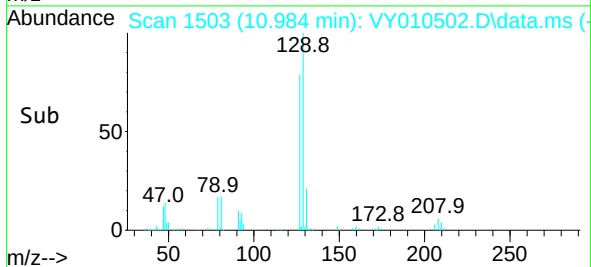
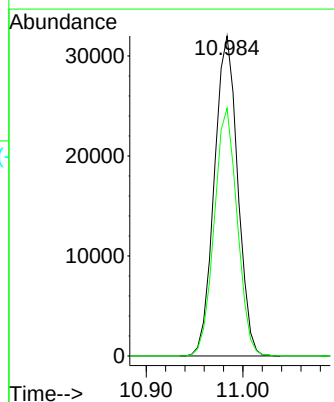
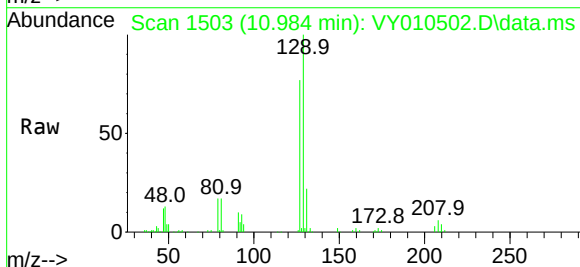
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

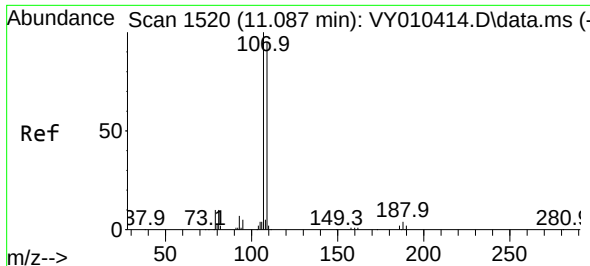
Tgt Ion: 43 Resp: 135265
Ion Ratio Lower Upper
43 100
58 57.6 24.4 73.4



#60
Dibromochloromethane
Concen: 20.907 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 129 Resp: 53662
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

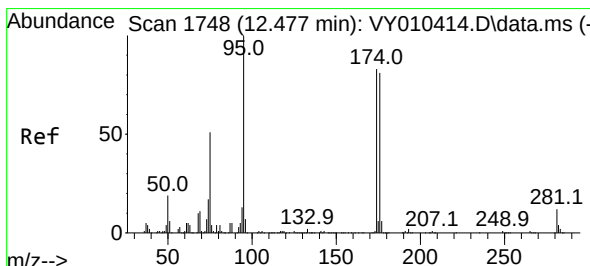
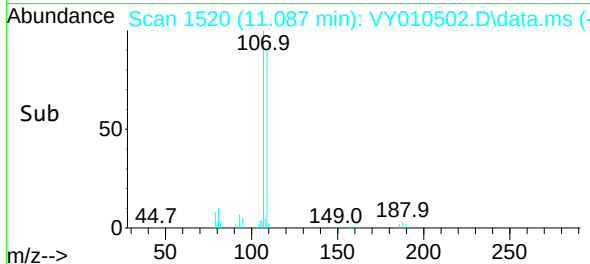
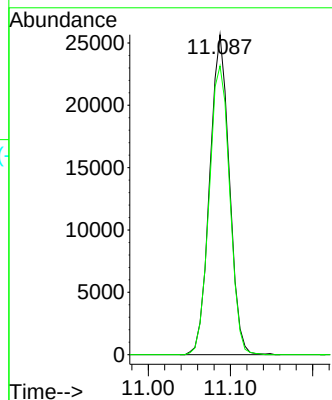
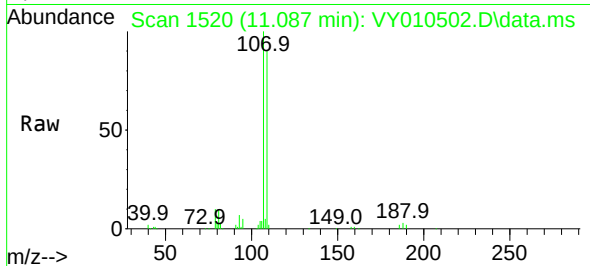




#61
1,2-Dibromoethane
Concen: 20.851 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

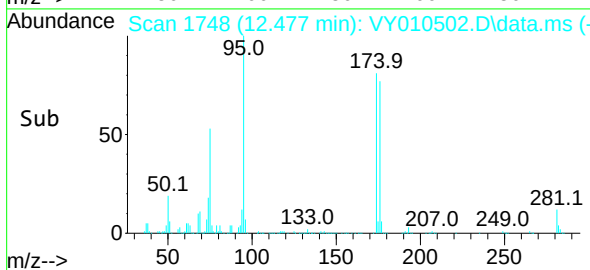
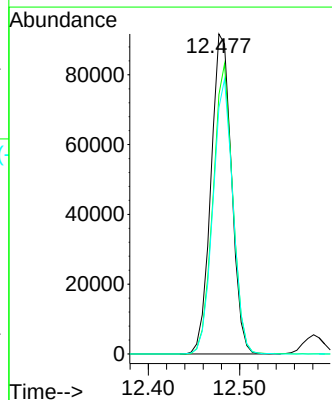
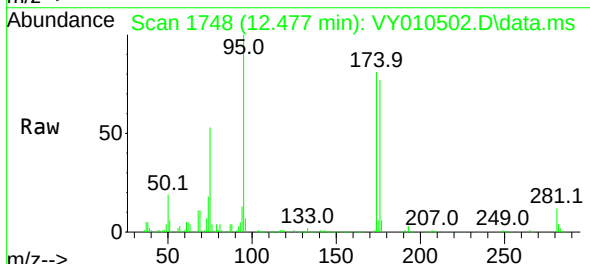
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

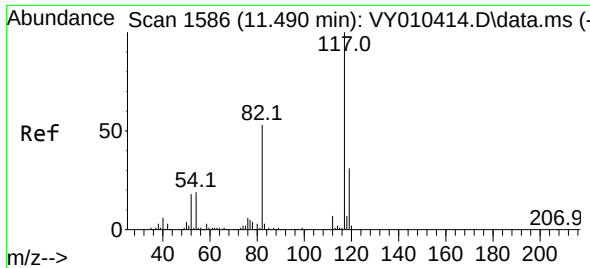
Tgt Ion:107 Resp: 42514
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 42.788 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 95 Resp: 142931
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 83.6 0.0 175.8

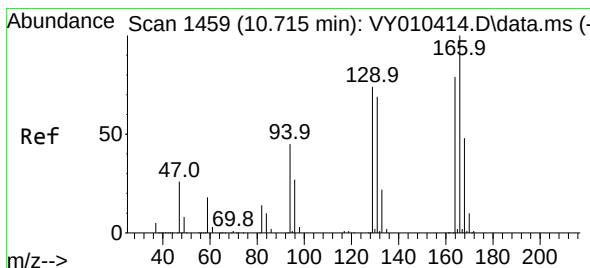
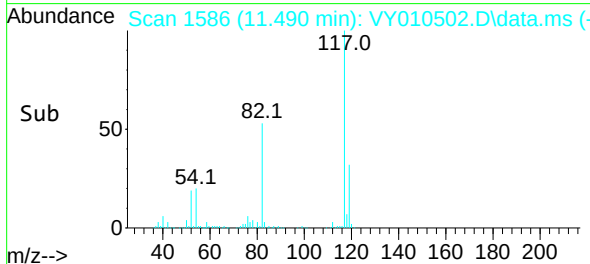
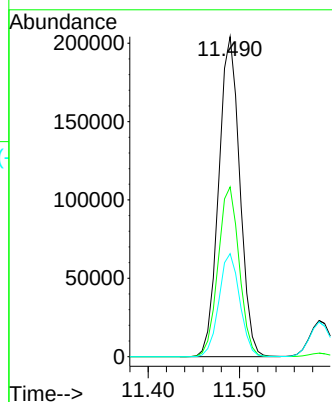
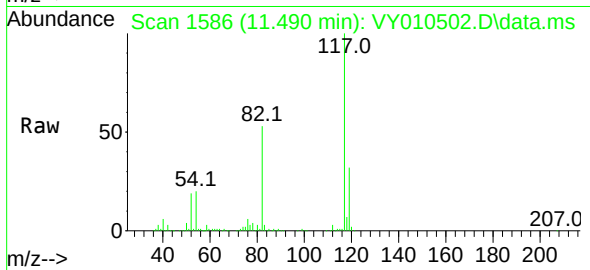




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

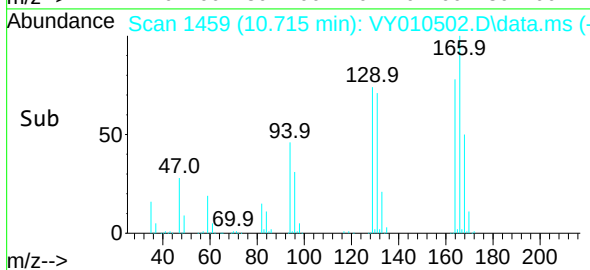
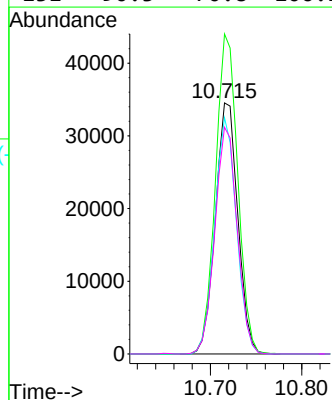
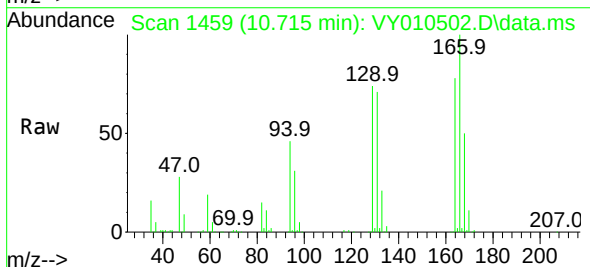
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

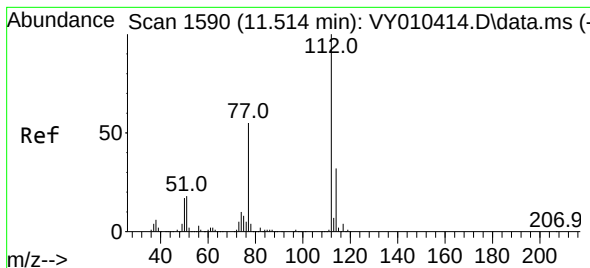
Tgt Ion:117 Resp: 327002
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 20.035 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion:164 Resp: 59050
Ion Ratio Lower Upper
164 100
166 127.4 100.4 150.6
129 94.0 71.4 107.0
131 90.3 70.8 106.2

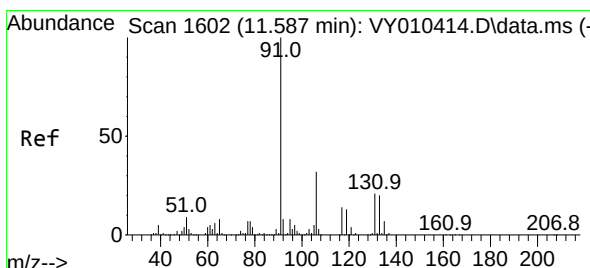
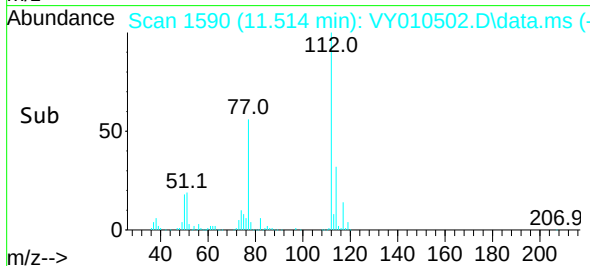
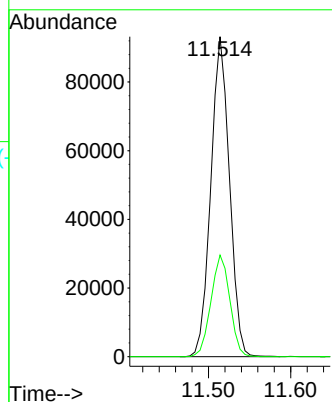
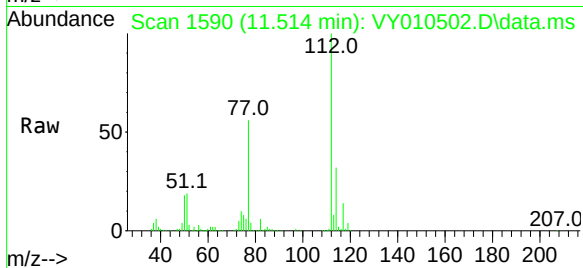




#65
Chlorobenzene
Concen: 20.083 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

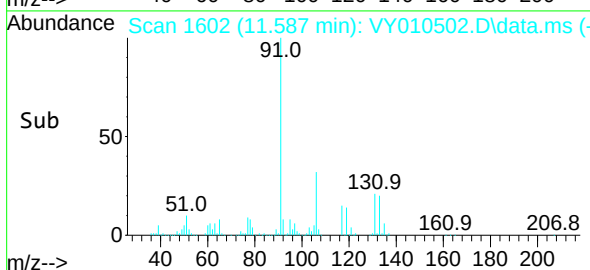
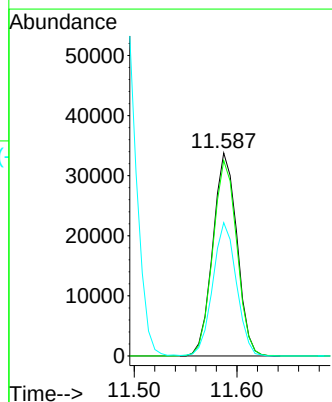
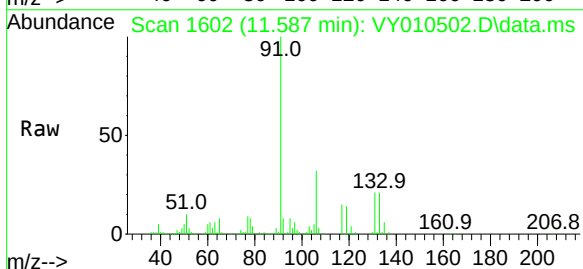
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

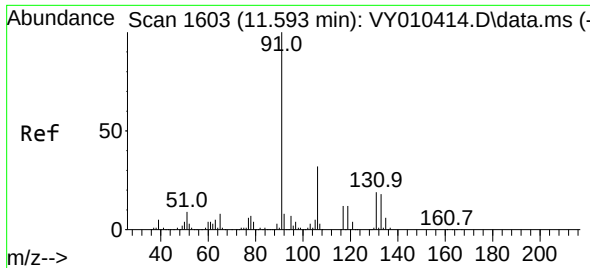
Tgt Ion:112 Resp: 146863
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.334 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion:131 Resp: 55073
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 64.4 30.8 92.3

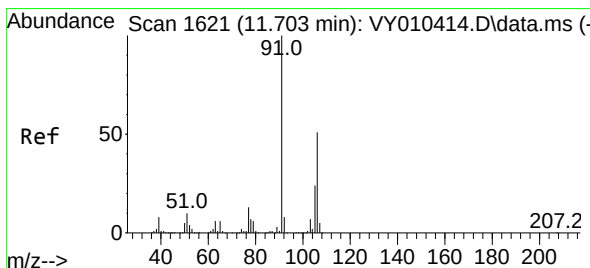
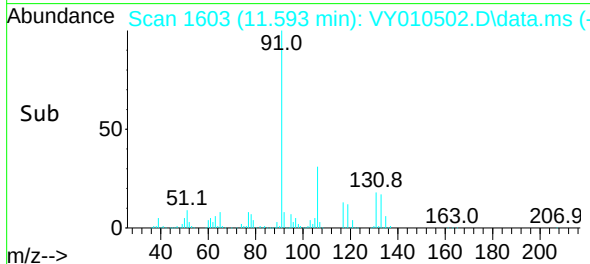
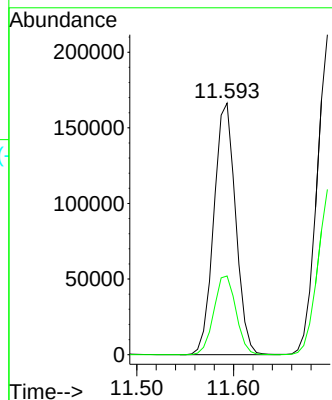
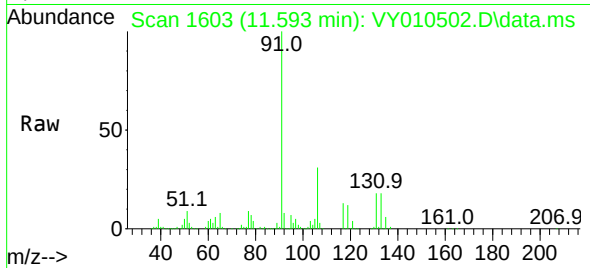




#67
Ethyl Benzene
Concen: 20.055 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

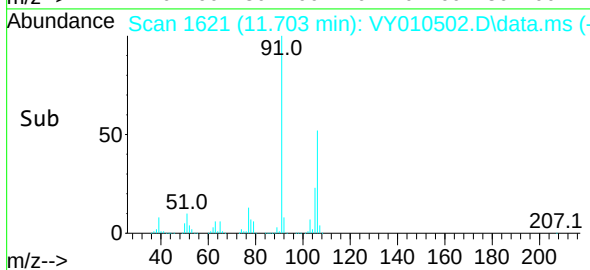
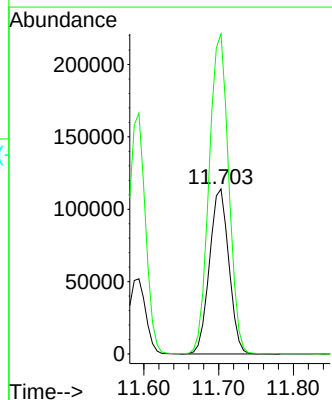
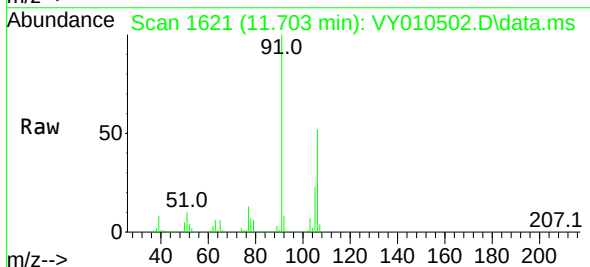
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

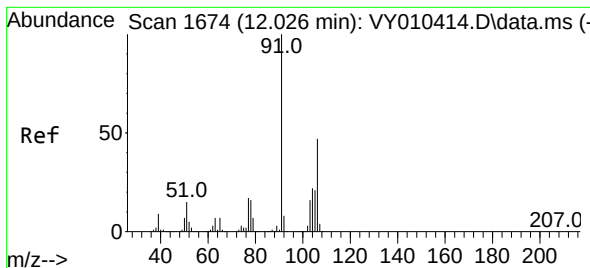
Tgt Ion: 91 Resp: 259573
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 40.503 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 106 Resp: 205802
Ion Ratio Lower Upper
106 100
91 196.1 166.6 249.8





#69

o-Xylene

Concen: 19.880 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

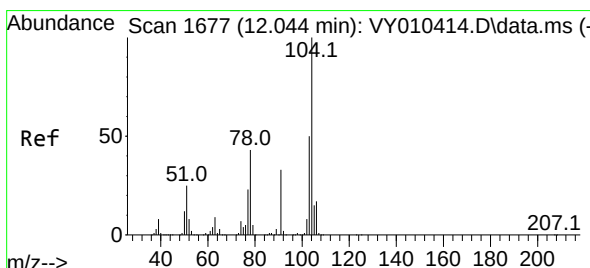
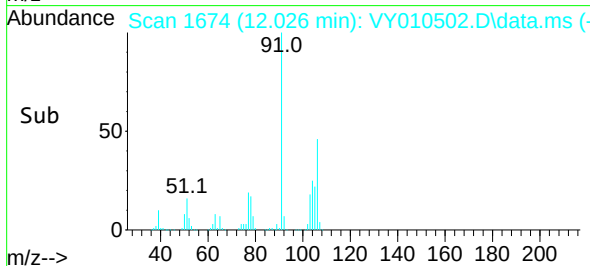
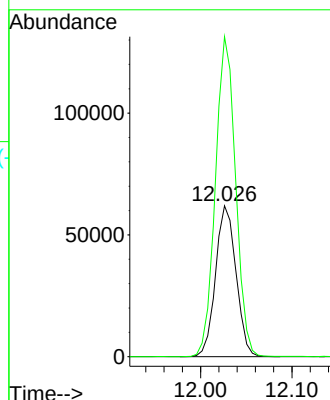
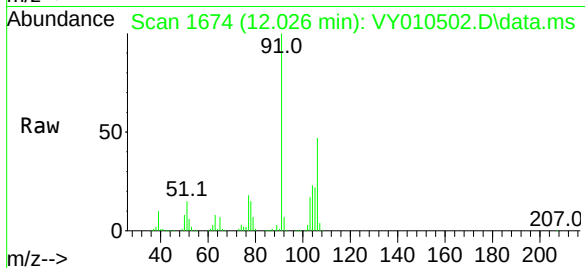
VY0915SBS01

Tgt Ion:106 Resp: 96453

Ion Ratio Lower Upper

106 100

91 209.6 110.3 331.0



#70

Styrene

Concen: 19.903 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

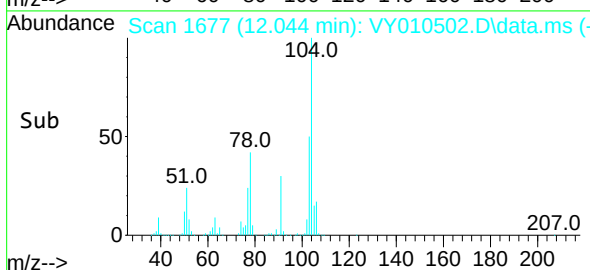
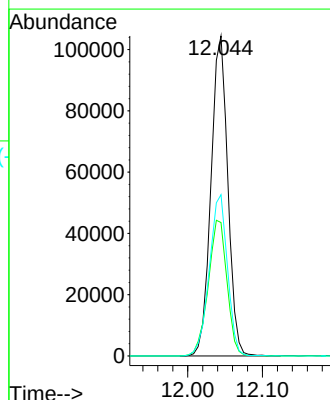
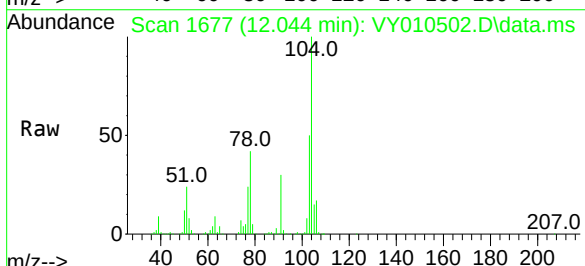
Tgt Ion:104 Resp: 163436

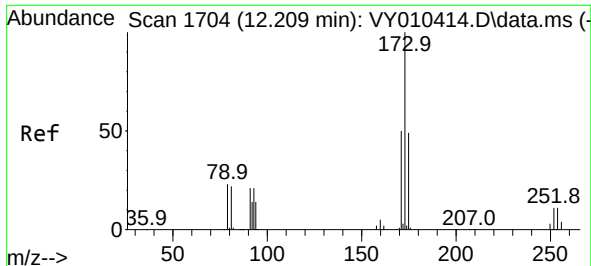
Ion Ratio Lower Upper

104 100

78 47.2 42.4 63.6

103 54.4 44.4 66.6

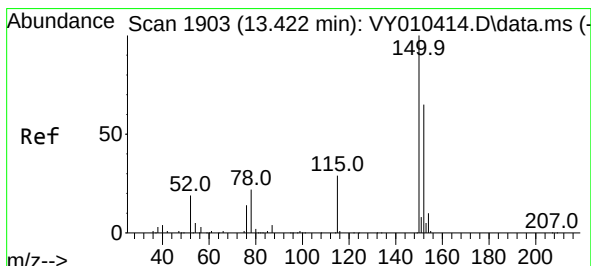
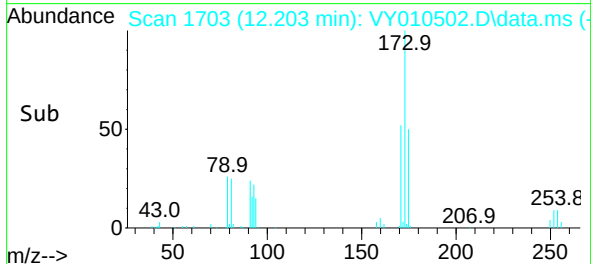
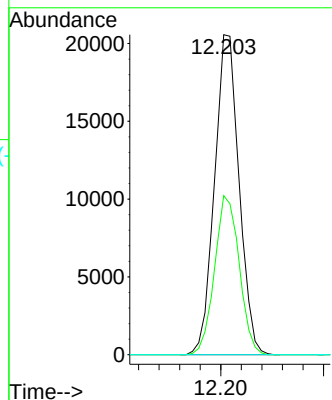
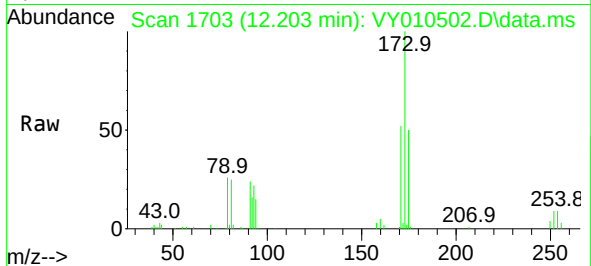




#71
Bromoform
Concen: 20.095 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

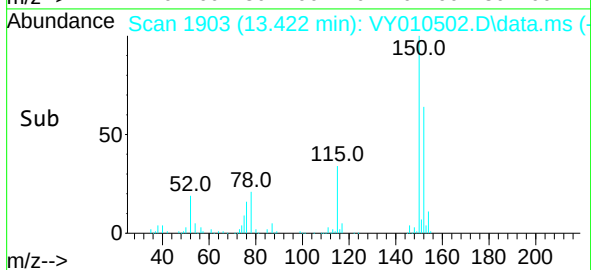
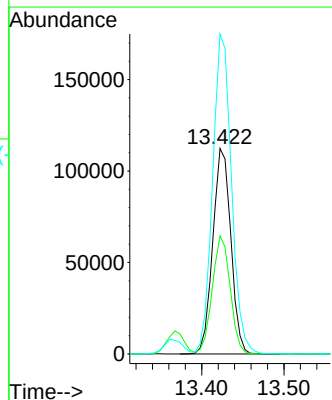
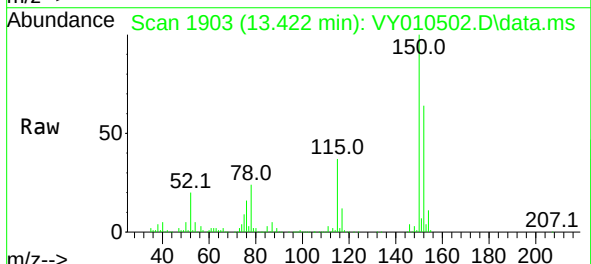
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

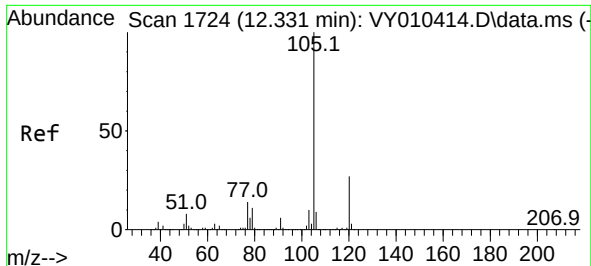
Tgt Ion:173 Resp: 34028
Ion Ratio Lower Upper
173 100
175 49.9 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion:152 Resp: 171449
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 162.6 0.0 347.6

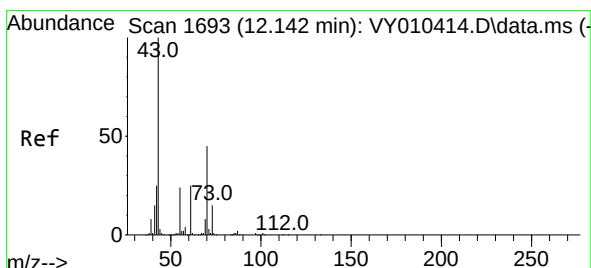
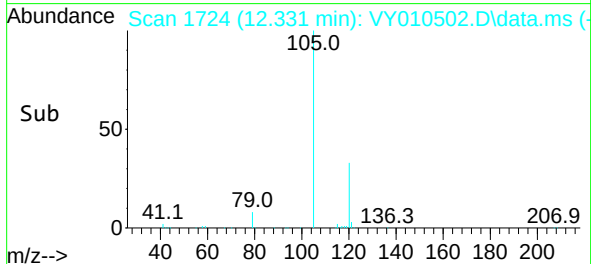
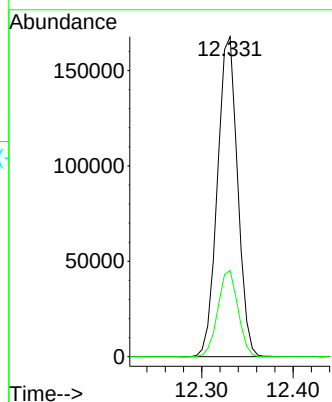
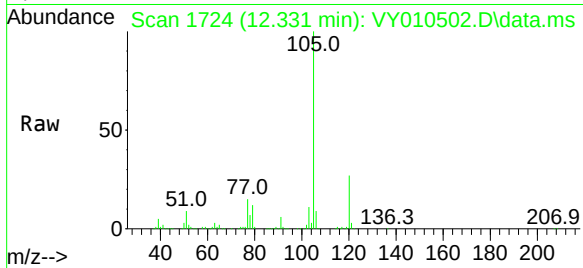




#73
Isopropylbenzene
Concen: 19.233 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

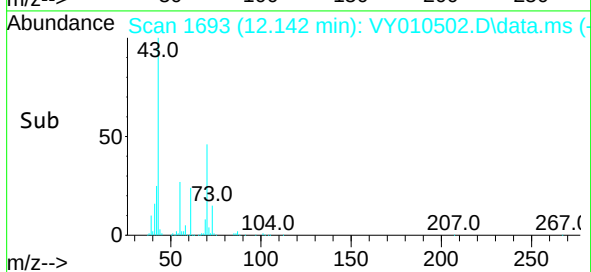
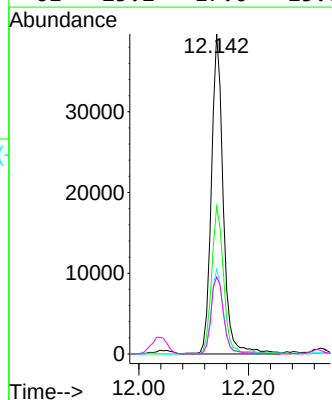
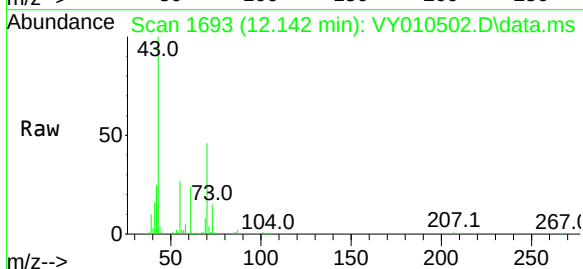
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

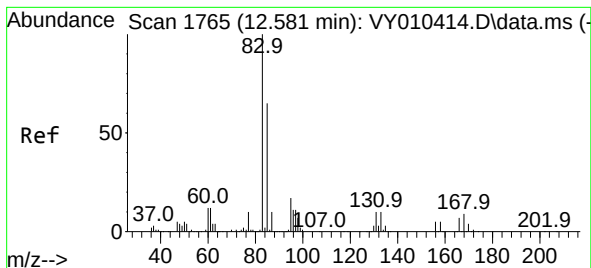
Tgt Ion:105 Resp: 257281
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 19.037 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 43 Resp: 59419
Ion Ratio Lower Upper
43 100
70 46.0 28.7 43.1#
55 27.4 17.3 25.9#
61 25.2 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.708 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

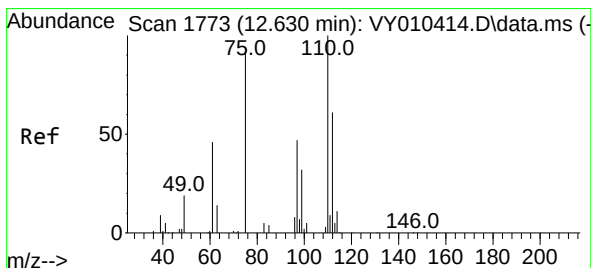
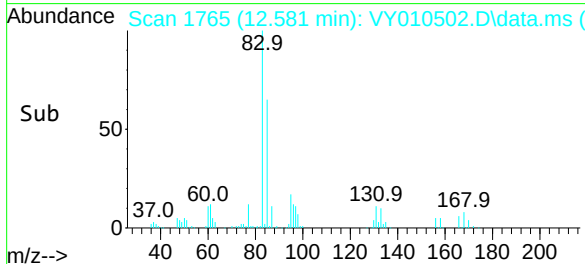
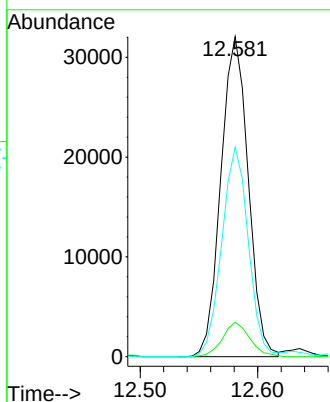
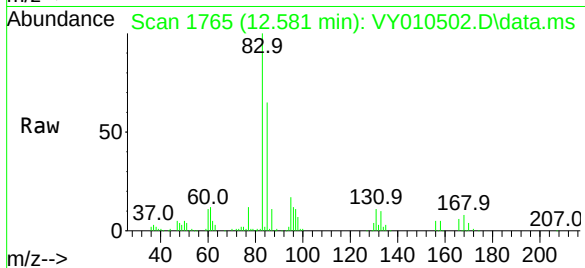
Tgt Ion: 83 Resp: 51820

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 35.220 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY010502.D

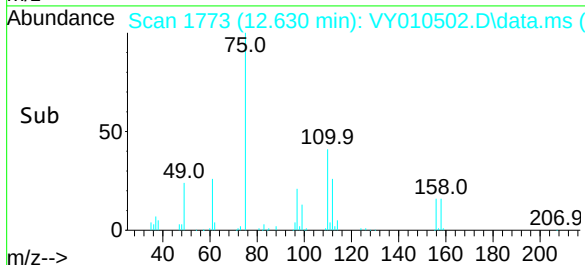
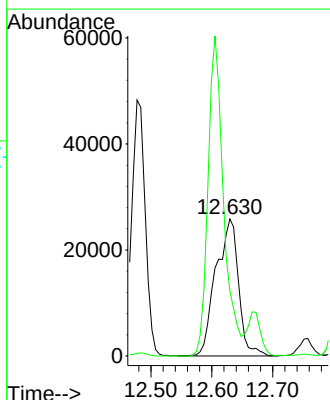
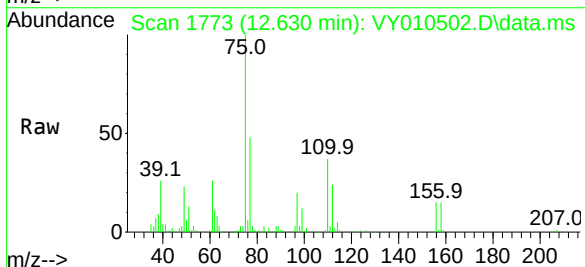
Acq: 15 Sep 2022 11:46

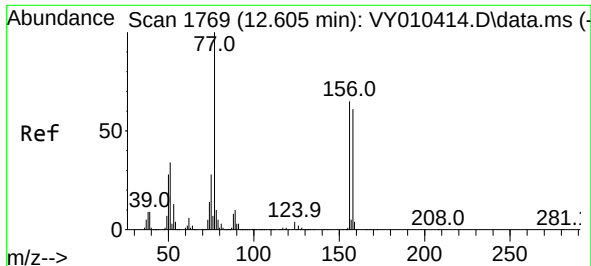
Tgt Ion: 75 Resp: 66644

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

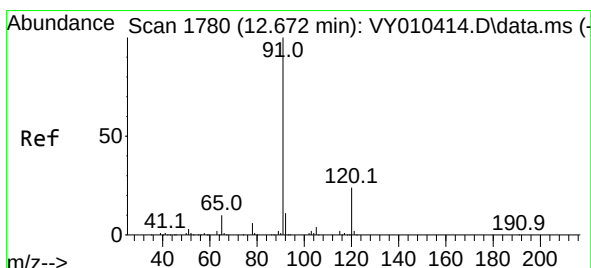
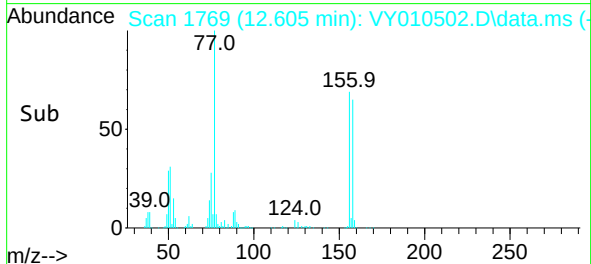
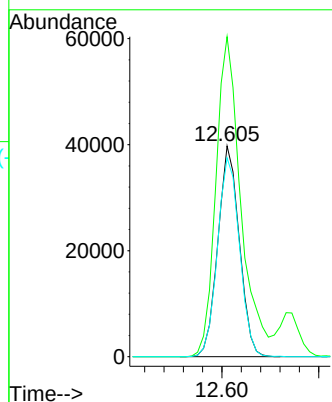
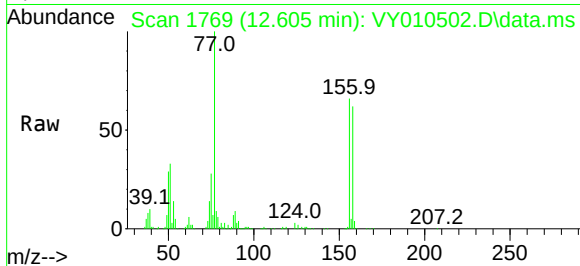




#77
Bromobenzene
Concen: 19.240 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

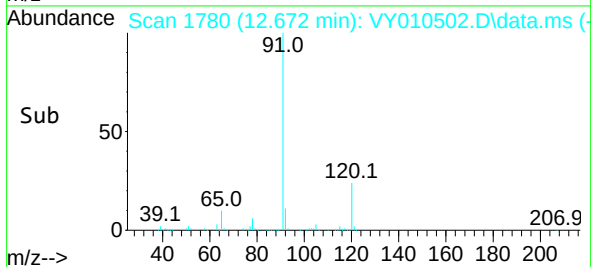
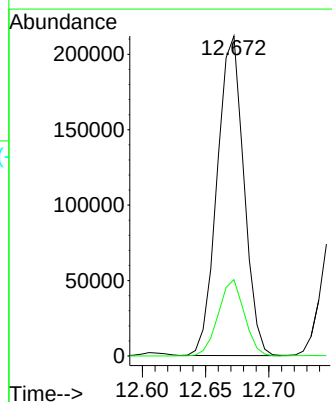
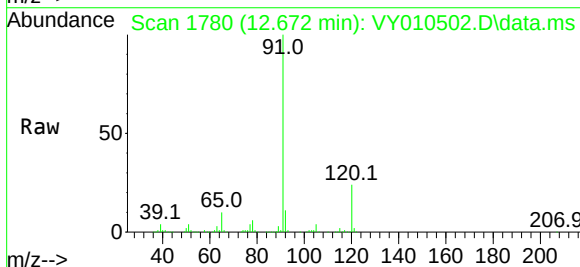
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

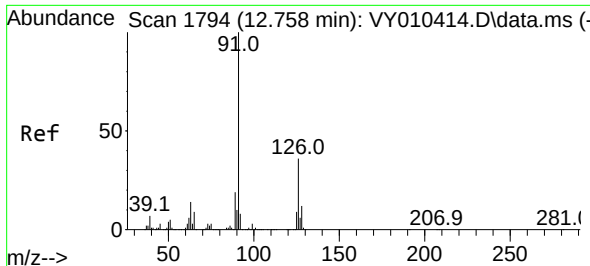
Tgt Ion:156 Resp: 60986
Ion Ratio Lower Upper
156 100
77 175.9 95.5 286.4
158 97.2 48.0 144.0



#78
n-propylbenzene
Concen: 19.619 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 91 Resp: 310775
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9

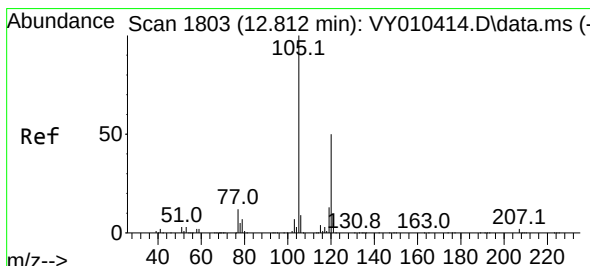
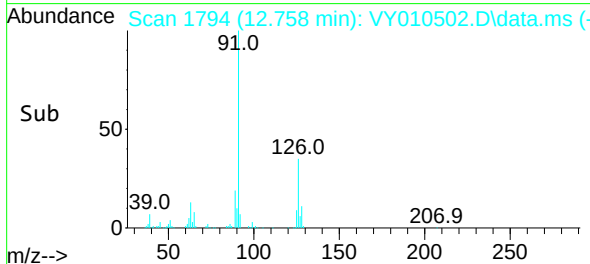
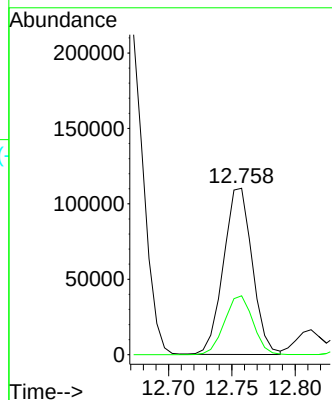
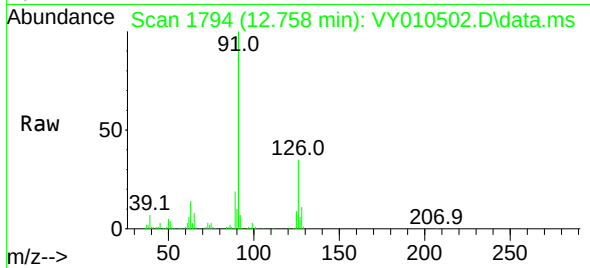




#79
2-Chlorotoluene
Concen: 19.648 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

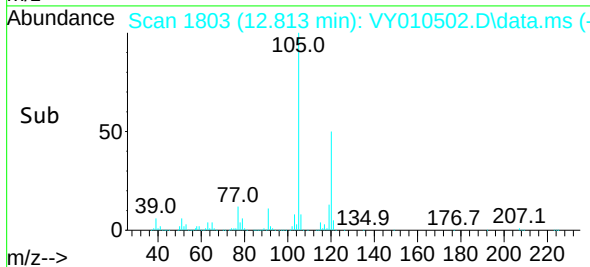
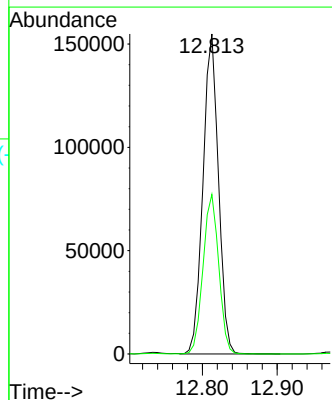
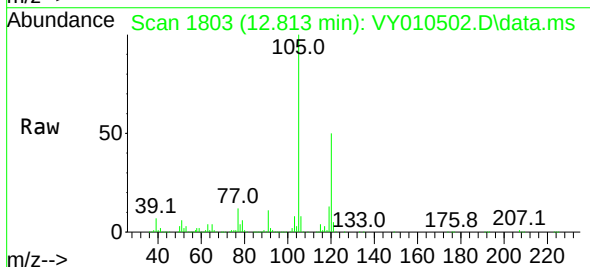
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

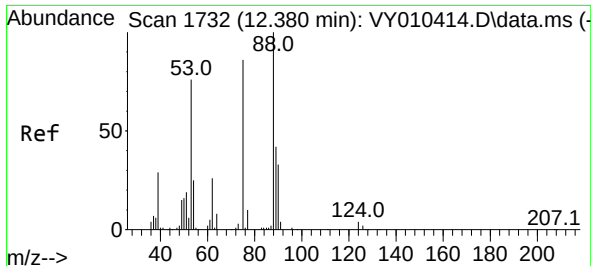
Tgt Ion: 91 Resp: 174829
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.734 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 105 Resp: 222740
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4

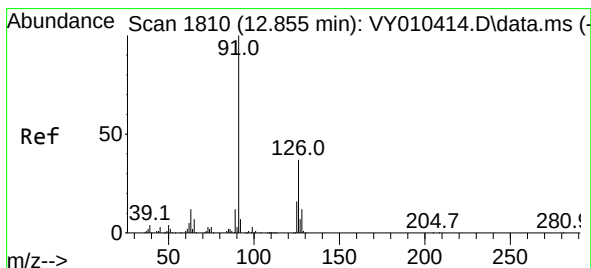
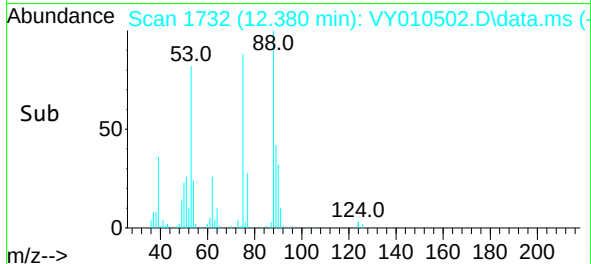
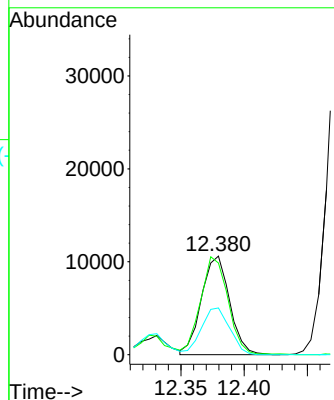
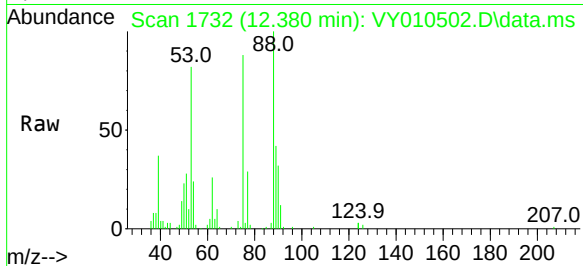




#81
trans-1,4-Dichloro-2-butene
Concen: 19.247 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

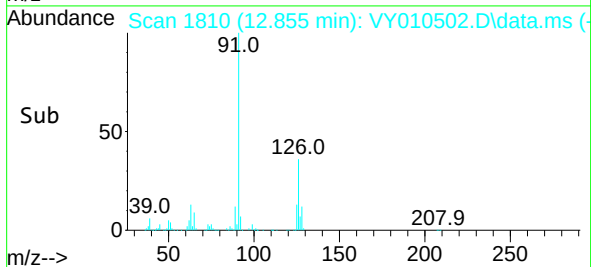
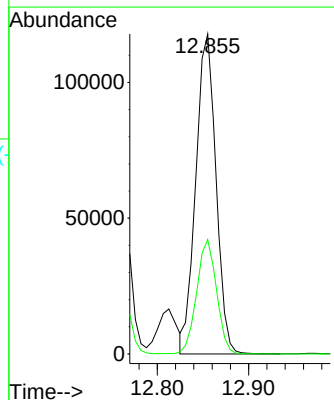
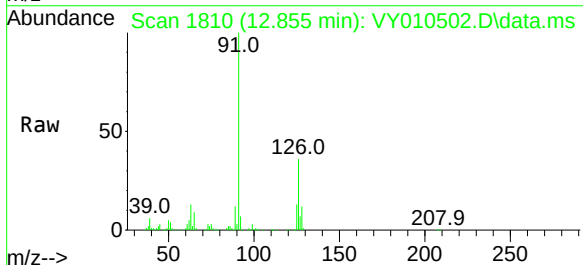
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

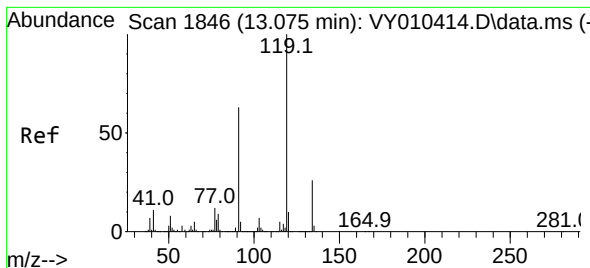
Tgt Ion: 75 Resp: 16403
Ion Ratio Lower Upper
75 100
53 97.3 85.3 127.9
89 47.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.513 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 91 Resp: 180626
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.544 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

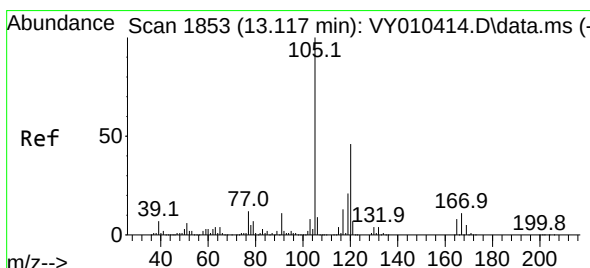
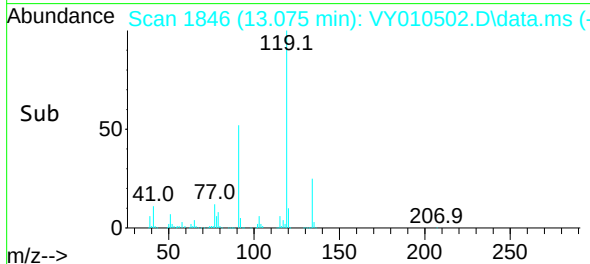
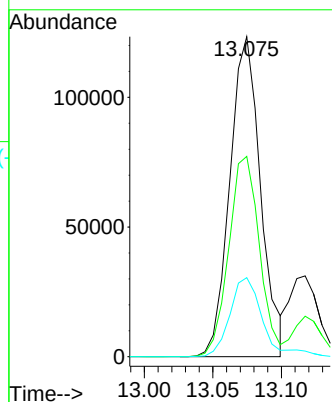
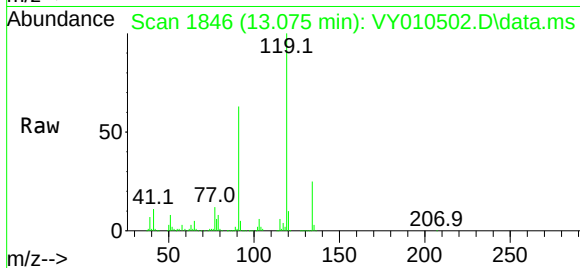
Tgt Ion:119 Resp: 192807

Ion Ratio Lower Upper

119 100

91 62.5 34.8 104.4

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.909 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010502.D

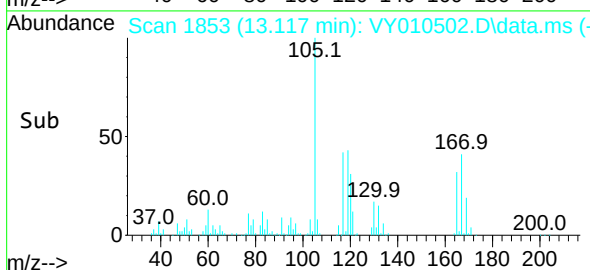
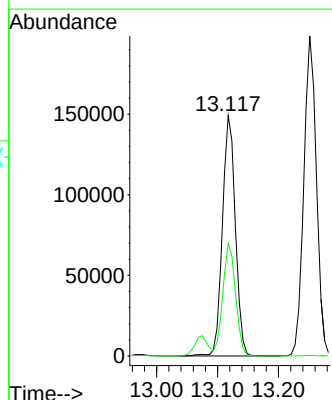
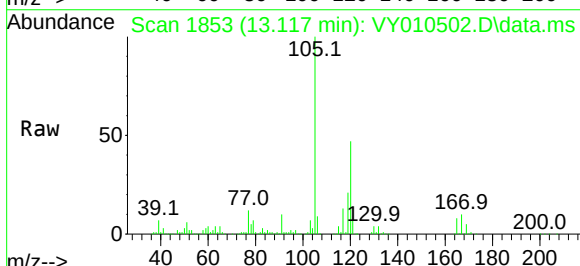
Acq: 15 Sep 2022 11:46

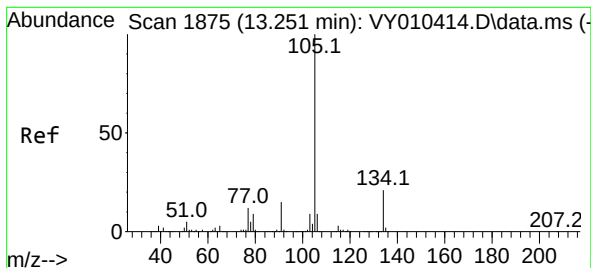
Tgt Ion:105 Resp: 219864

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.530 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

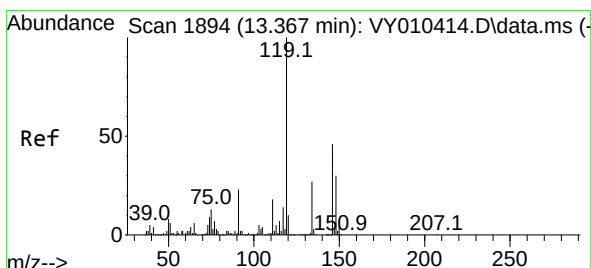
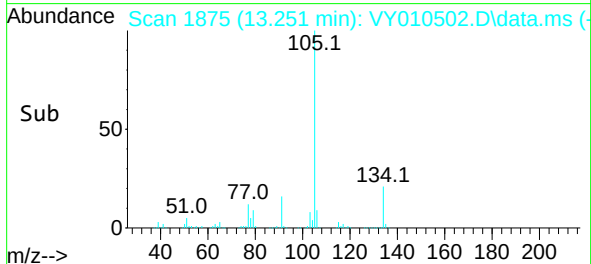
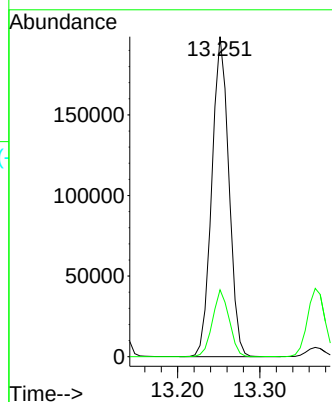
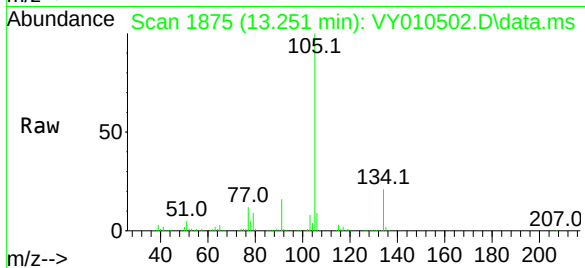
VY0915SBS01

Tgt Ion:105 Resp: 285290

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.312 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

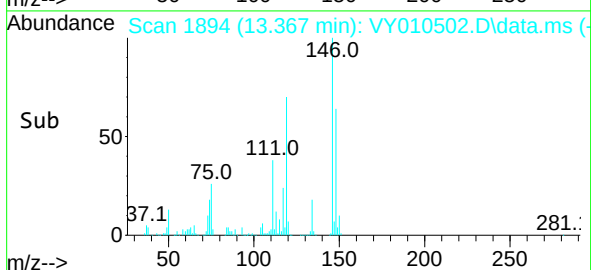
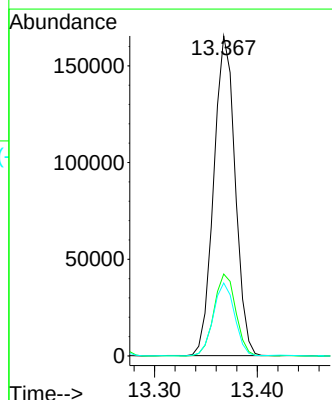
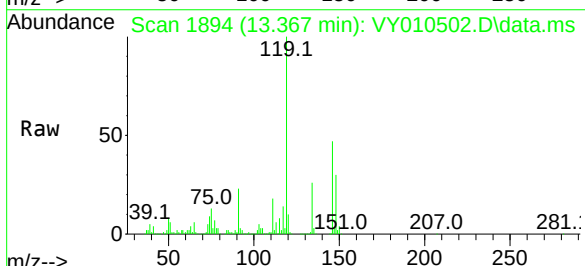
Tgt Ion:119 Resp: 238630

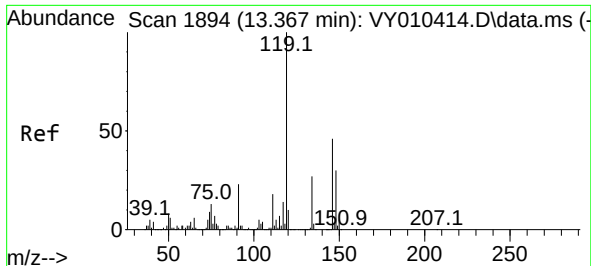
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.8 12.4 37.2

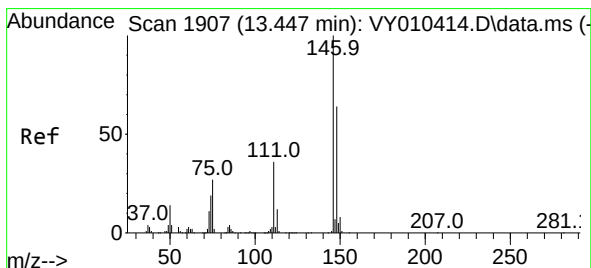
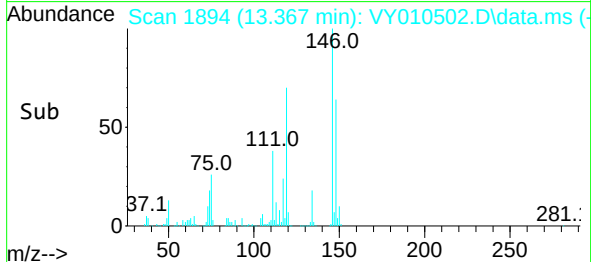
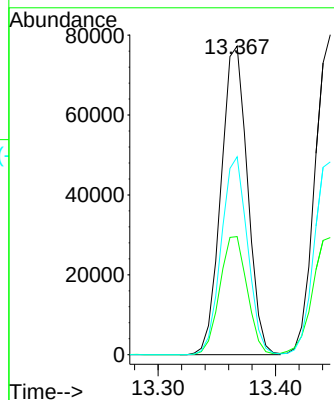
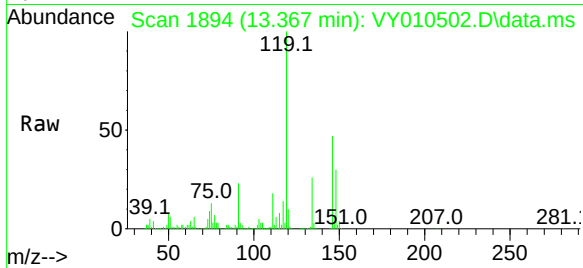




#87
1,3-Dichlorobenzene
Concen: 19.026 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

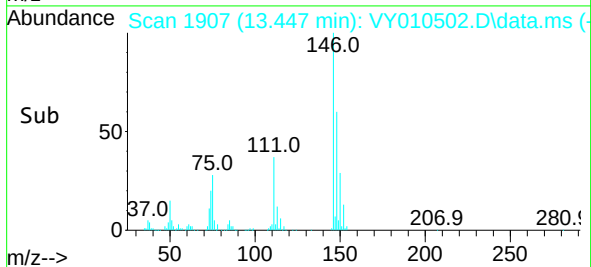
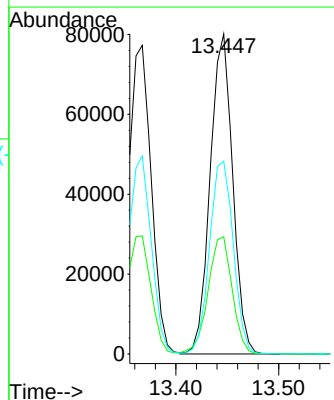
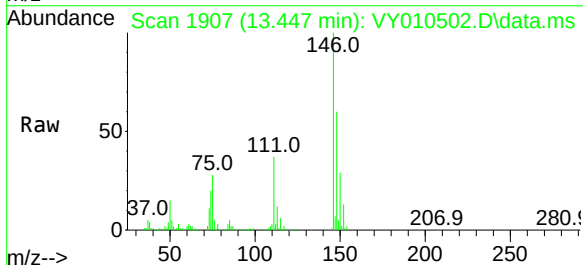
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

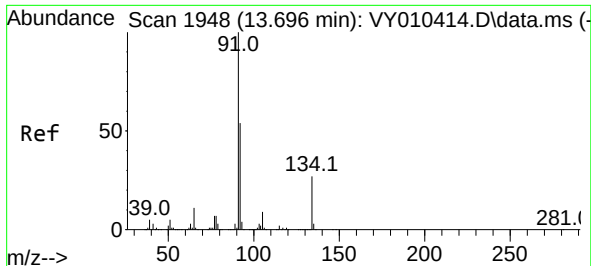
Tgt Ion:146 Resp: 121103
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.327 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion:146 Resp: 121817
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.8
148 63.8 32.6 97.8

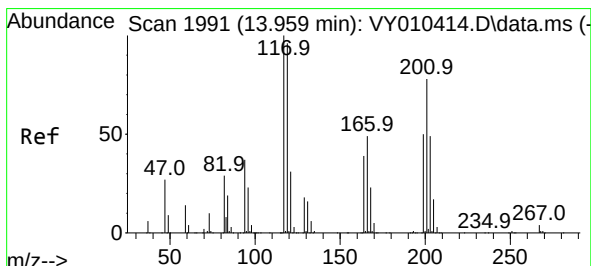
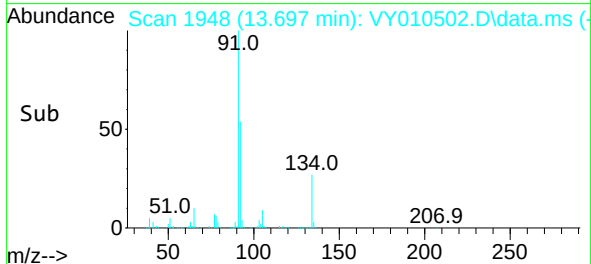
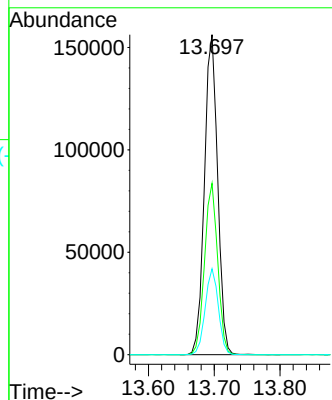
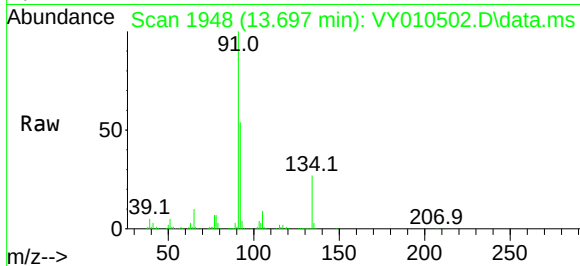




#89
n-Butylbenzene
Concen: 19.490 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

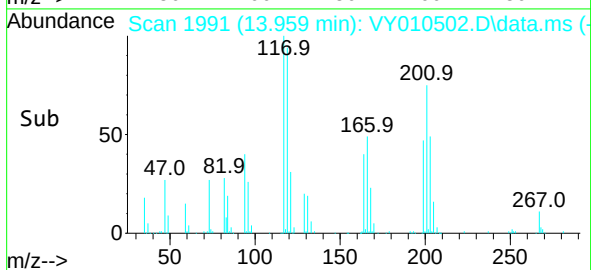
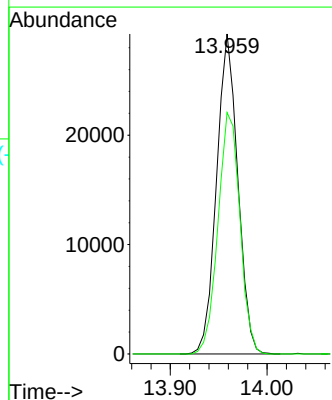
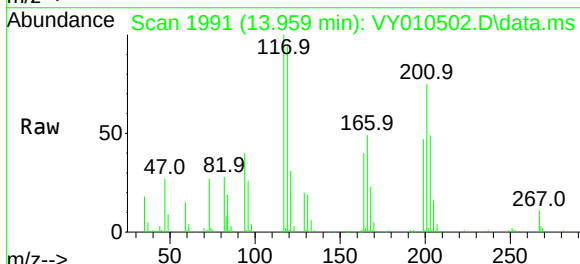
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBS01

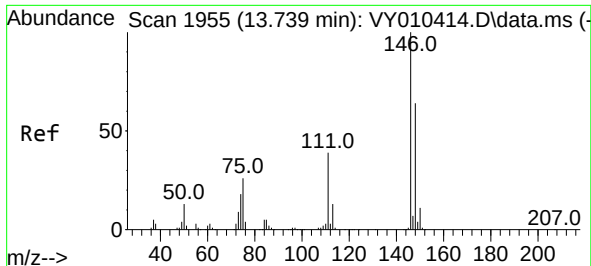
Tgt Ion: 91 Resp: 218603
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 26.7 13.0 38.9



#90
Hexachloroethane
Concen: 19.190 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010502.D
Acq: 15 Sep 2022 11:46

Tgt Ion: 117 Resp: 44519
Ion Ratio Lower Upper
117 100
201 77.7 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.238 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

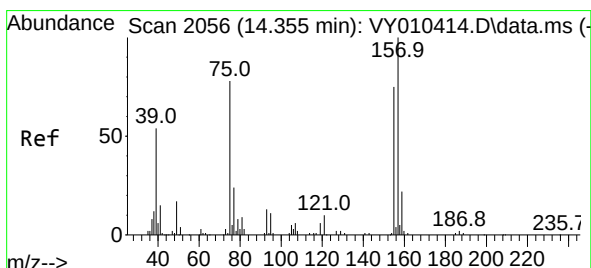
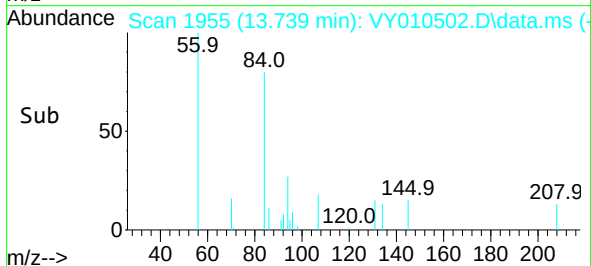
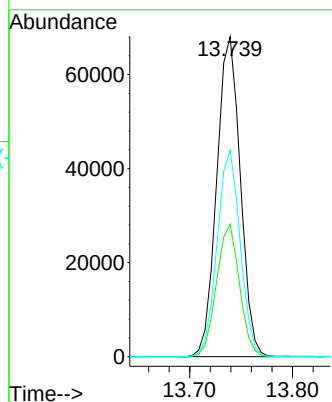
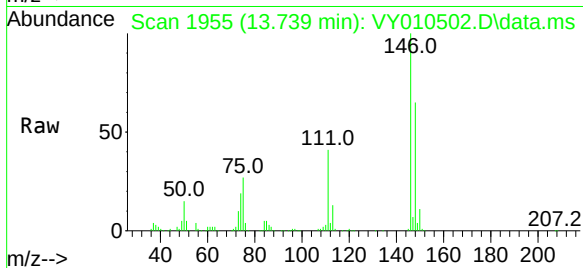
Tgt Ion:146 Resp: 108459

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 63.2 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.077 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

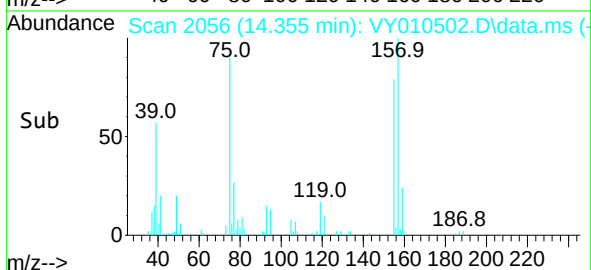
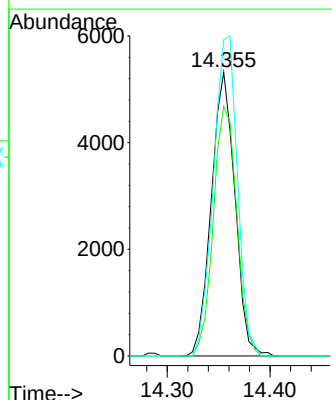
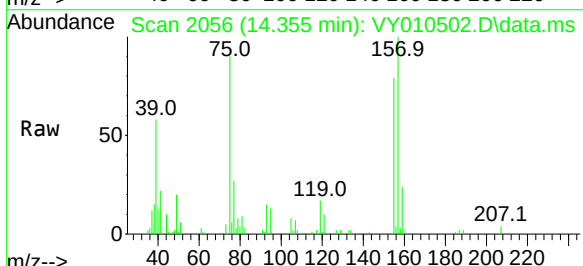
Tgt Ion: 75 Resp: 8480

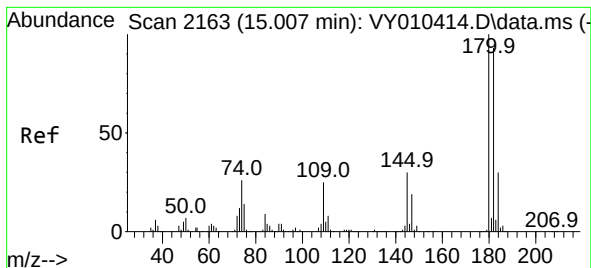
Ion Ratio Lower Upper

75 100

155 87.6 38.0 113.9

157 115.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.785 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

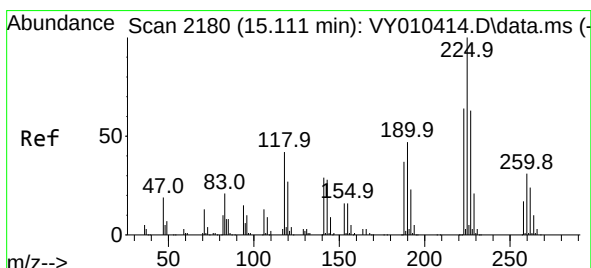
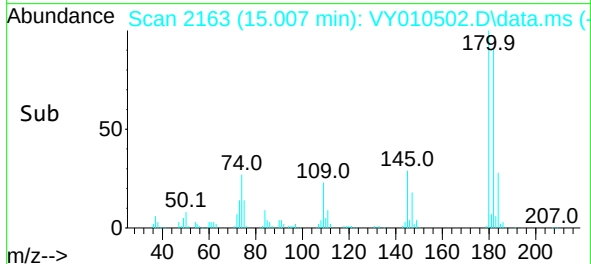
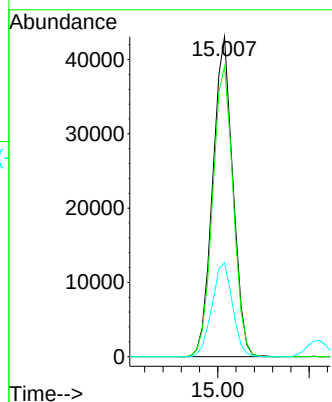
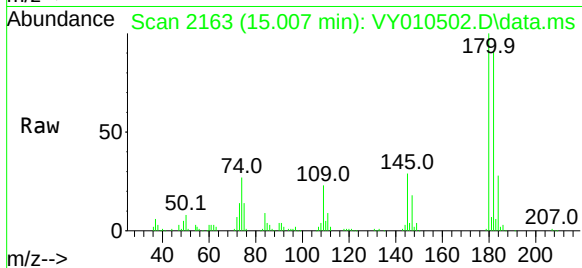
Tgt Ion:180 Resp: 65773

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.827 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

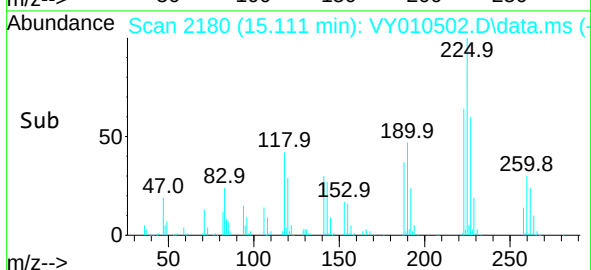
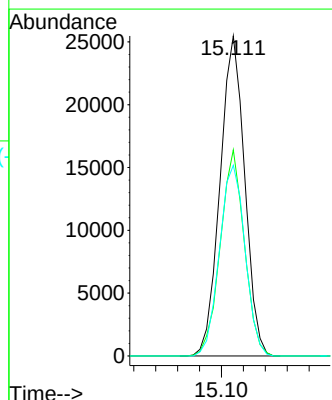
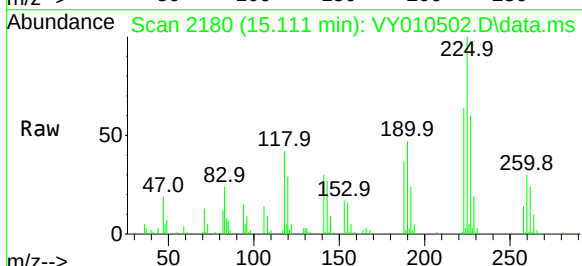
Tgt Ion:225 Resp: 39776

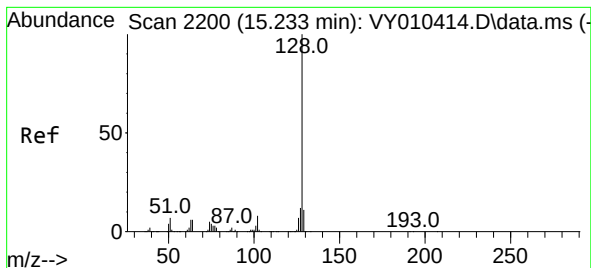
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 61.8 31.6 94.7





#95

Naphthalene

Concen: 18.771 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBS01

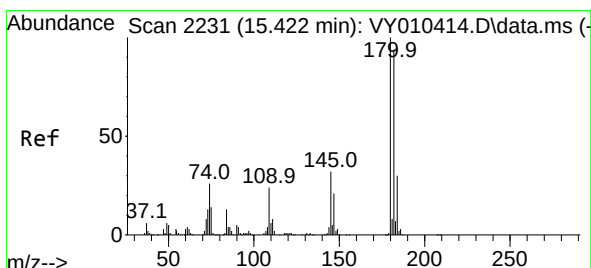
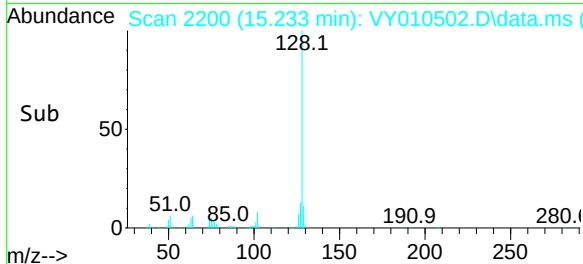
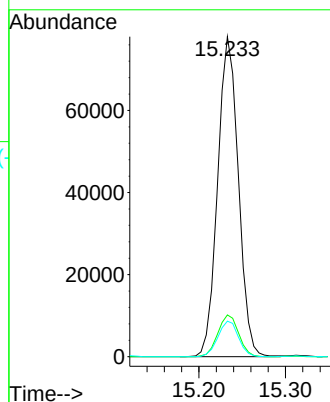
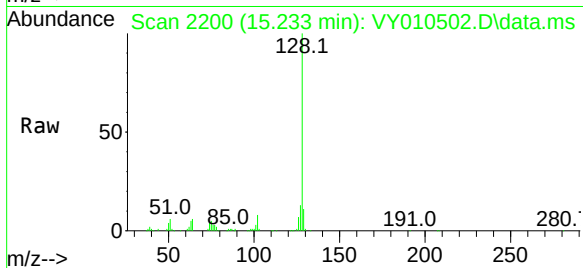
Tgt Ion:128 Resp: 129637

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.720 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010502.D

Acq: 15 Sep 2022 11:46

Tgt Ion:180 Resp: 57218

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 32.2 15.3 45.9

