

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009876.D
 Acq On : 08 Aug 2022 15:50
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 08 17:36:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	62210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	107566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7667	14.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	28.120%#
35) Dibromofluoromethane	7.703	113	6721	11.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.240%#
50) Toluene-d8	10.173	98	26165	12.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	25.240%#
62) 4-Bromofluorobenzene	12.477	95	9029	10.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6301	12.106	ug/l	99
3) Chloromethane	2.107	50	6508	10.466	ug/l	91
4) Vinyl Chloride	2.241	62	6594	9.864	ug/l	99
5) Bromomethane	2.631	94	4888	11.135	ug/l	96
6) Chloroethane	2.784	64	4057	11.566	ug/l	94
7) Trichlorofluoromethane	3.107	101	10722	12.072	ug/l	95
8) Diethyl Ether	3.515	74	3838	11.648	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	6237	10.310	ug/l	96
10) Methyl Iodide	4.082	142	6304	7.986	ug/l	98
11) Tert butyl alcohol	4.936	59	3765	29.579	ug/l #	84
12) 1,1-Dichloroethene	3.850	96	5422	9.198	ug/l #	85
13) Acrolein	3.716	56	575	11.797	ug/l	83
14) Allyl chloride	4.466	41	10340	9.933	ug/l	96
15) Acrylonitrile	5.149	53	10357	56.843	ug/l	99
16) Acetone	3.936	43	9136	55.545	ug/l	95
17) Carbon Disulfide	4.180	76	15299	7.907	ug/l	97
18) Methyl Acetate	4.466	43	6130	13.239	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	15874	9.670	ug/l	93
20) Methylene Chloride	4.704	84	13971	16.660	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	6197	8.977	ug/l	88
22) Diisopropyl ether	6.106	45	22855	10.948	ug/l	93
23) Vinyl Acetate	6.045	43	68580	51.146	ug/l	97
24) 1,1-Dichloroethane	6.003	63	12499	10.596	ug/l	98
25) 2-Butanone	6.972	43	14941	59.532	ug/l #	89
26) 2,2-Dichloropropane	6.966	77	11434	10.482	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	7370	9.688	ug/l	91
28) Bromochloromethane	7.325	49	4387	9.138	ug/l #	90
29) Tetrahydrofuran	7.338	42	9258	57.475	ug/l	93
30) Chloroform	7.496	83	12775	10.725	ug/l	90
31) Cyclohexane	7.777	56	11058	9.508	ug/l #	83
32) 1,1,1-Trichloroethane	7.691	97	10286	9.834	ug/l	96
36) 1,1-Dichloropropene	7.905	75	8888	9.003	ug/l	99
37) Ethyl Acetate	7.069	43	6724	11.707	ug/l #	97
38) Carbon Tetrachloride	7.892	117	9409	9.335	ug/l	93
39) Methylcyclohexane	9.179	83	10074	8.222	ug/l	93
40) Benzene	8.148	78	28278	9.718	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	3359	10.758	ug/l	# 100
42) 1,2-Dichloroethane	8.228	62	8022	9.876	ug/l	99
43) Isopropyl Acetate	8.264	43	11501	10.841	ug/l	96
44) Trichloroethene	8.929	130	7125	8.892	ug/l	93
45) 1,2-Dichloropropane	9.209	63	7569	10.544	ug/l	93
46) Dibromomethane	9.301	93	4334	10.446	ug/l	92
47) Bromodichloromethane	9.490	83	9674	10.086	ug/l	98
48) Methyl methacrylate	9.289	41	4851	10.309	ug/l	91
49) 1,4-Dioxane	9.295	88	933	170.037	ug/l	# 89
51) 4-Methyl-2-Pentanone	10.063	43	31377	57.391	ug/l	96
52) Toluene	10.240	92	16872	9.368	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	9381	9.231	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	11273	9.721	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	5994	10.443	ug/l	94
56) Ethyl methacrylate	10.502	69	6935	9.075	ug/l	# 86
57) 1,3-Dichloropropane	10.788	76	10602	10.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	20183	53.185	ug/l	93
59) 2-Hexanone	10.831	43	21277	55.823	ug/l	95
60) Dibromochloromethane	10.977	129	7150	10.413	ug/l	93
61) 1,2-Dibromoethane	11.081	107	5947	10.641	ug/l	97
64) Tetrachloroethene	10.709	164	6974	8.140	ug/l	96
65) Chlorobenzene	11.514	112	19786	9.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	7300	10.145	ug/l	96
67) Ethyl Benzene	11.587	91	31745	8.874	ug/l	99
68) m/p-Xylenes	11.697	106	24874	17.818	ug/l	97
69) o-Xylene	12.026	106	11867	9.027	ug/l	99
70) Styrene	12.038	104	20078	9.178	ug/l	98
71) Bromoform	12.203	173	4482	9.993	ug/l	# 99
73) Isopropylbenzene	12.325	105	31444	9.667	ug/l	99
74) N-amyl acetate	12.142	43	9758	10.759	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	7737	12.320	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	9693	20.614	ug/l	# 100
77) Bromobenzene	12.605	156	7893	9.962	ug/l	93
78) n-propylbenzene	12.666	91	38737	9.556	ug/l	98
79) 2-Chlorotoluene	12.751	91	21975	9.802	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	24600	8.940	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	2545	10.748	ug/l	95
82) 4-Chlorotoluene	12.849	91	22918	9.779	ug/l	100
83) tert-Butylbenzene	13.074	119	21449	8.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	24801	9.137	ug/l	99
85) sec-Butylbenzene	13.251	105	33730	9.421	ug/l	98
86) p-Isopropyltoluene	13.367	119	26643	9.022	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	15351	10.019	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	15621	10.096	ug/l	94
89) n-Butylbenzene	13.696	91	25730	9.231	ug/l	98
90) Hexachloroethane	13.958	117	6038	10.748	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	14258	10.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1291	12.049	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	7455	9.088	ug/l	99
94) Hexachlorobutadiene	15.111	225	4687	10.322	ug/l	97
95) Naphthalene	15.233	128	14906	8.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	6894	9.696	ug/l	97

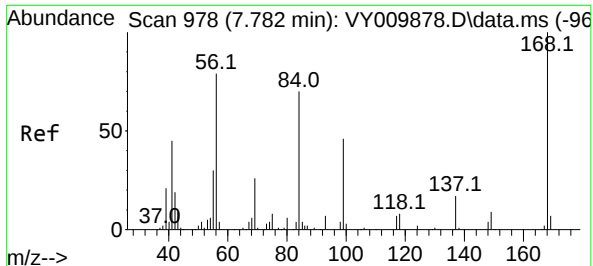
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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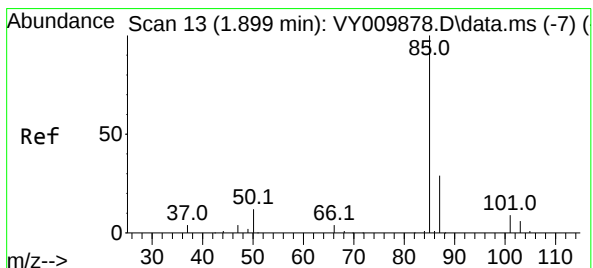
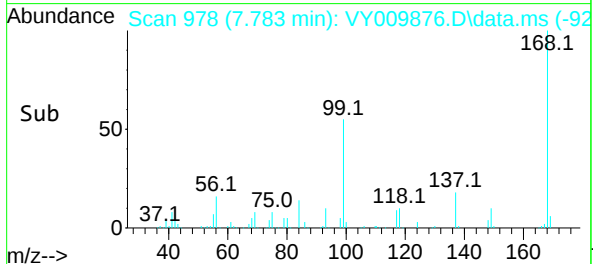
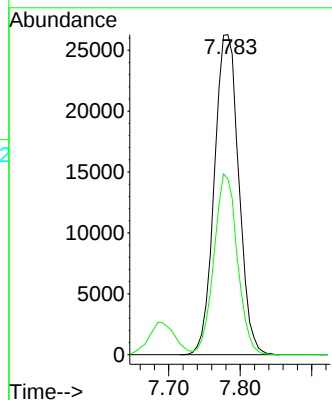
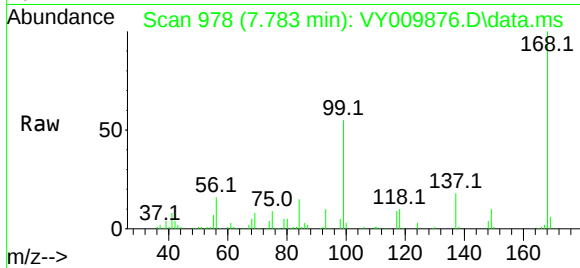
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

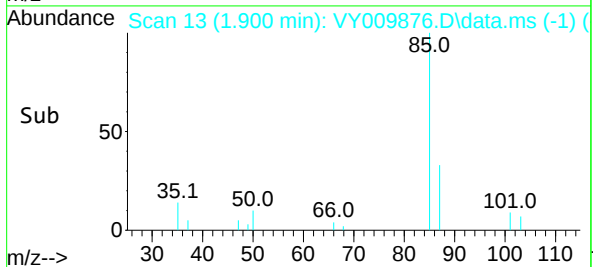
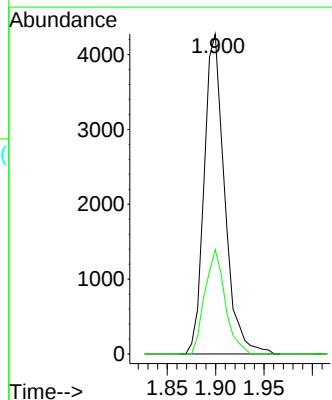
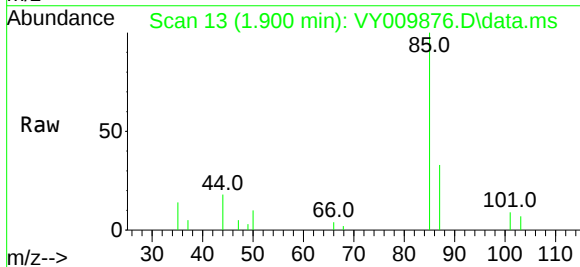
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 62210
Ion Ratio Lower Upper
168 100
99 54.9 42.1 63.1

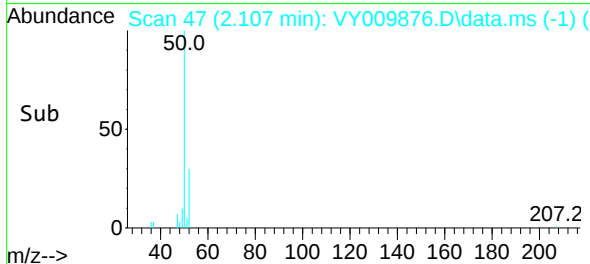
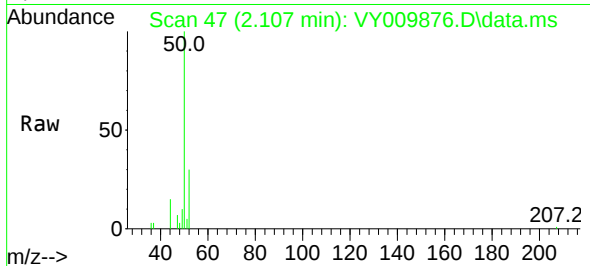
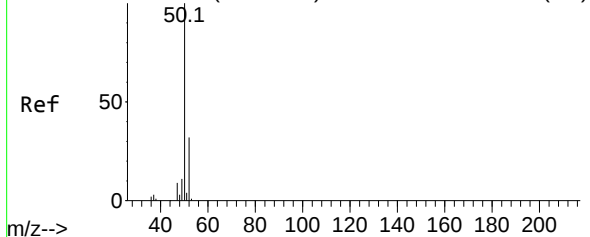


#2
Dichlorodifluoromethane
Concen: 12.106 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 85 Resp: 6301
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5



Abundance Scan 46 (2.101 min): VY009878.D\data.ms (-40)



#3

Chloromethane

Concen: 10.466 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

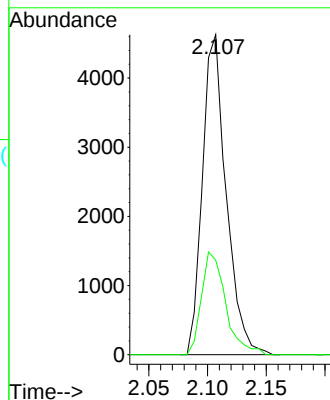
VSTDICC010

Tgt Ion: 50 Resp: 6508

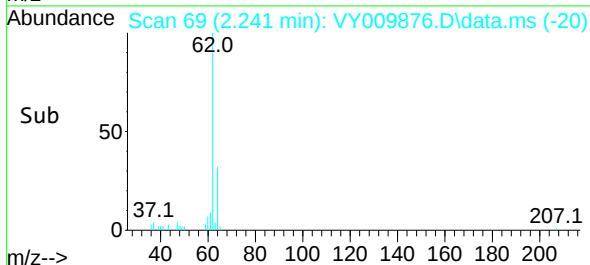
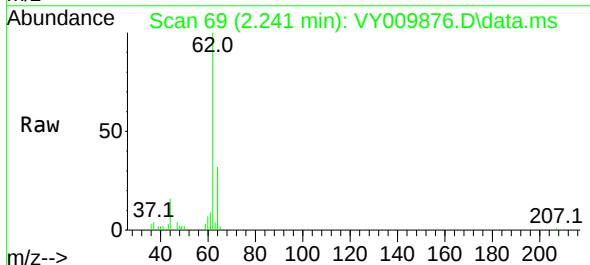
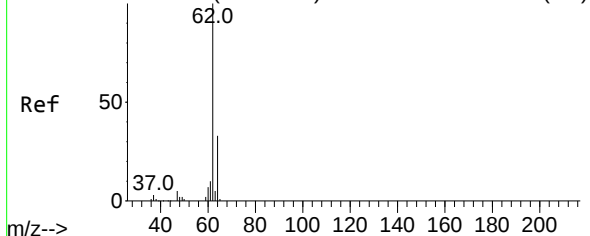
Ion Ratio Lower Upper

50 100

52 29.6 27.9 41.9



Abundance Scan 69 (2.241 min): VY009878.D\data.ms (-61)



#4

Vinyl Chloride

Concen: 9.864 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY009876.D

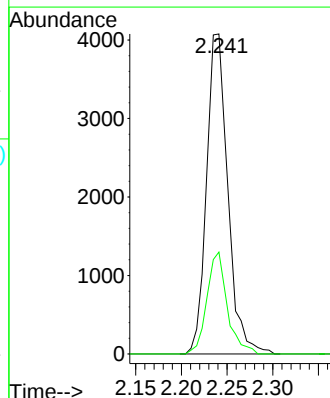
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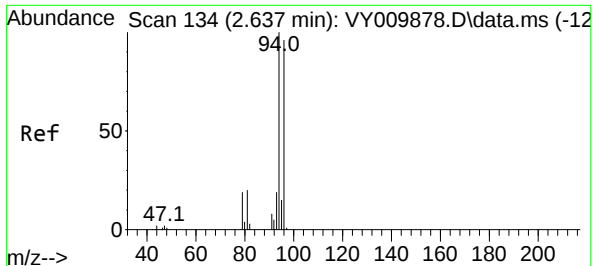
Tgt Ion: 62 Resp: 6594

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4

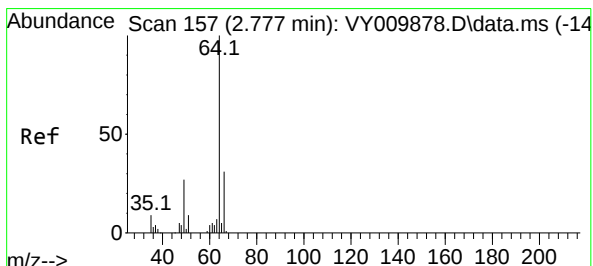
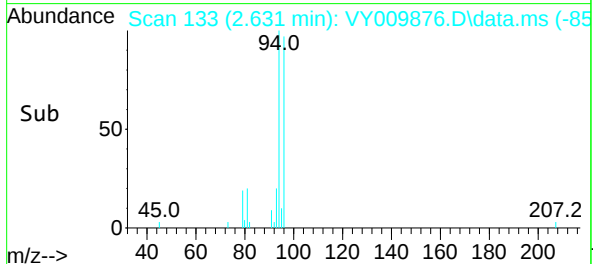
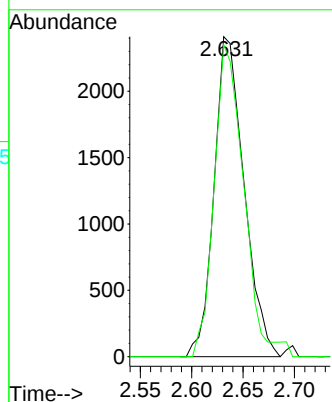
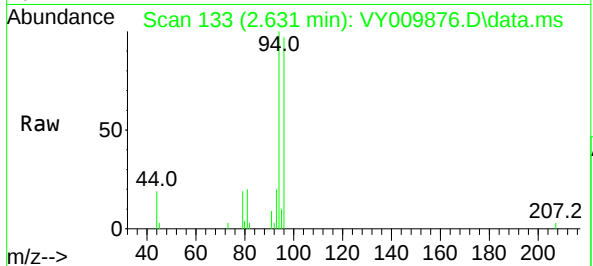




#5
Bromomethane
Concen: 11.135 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

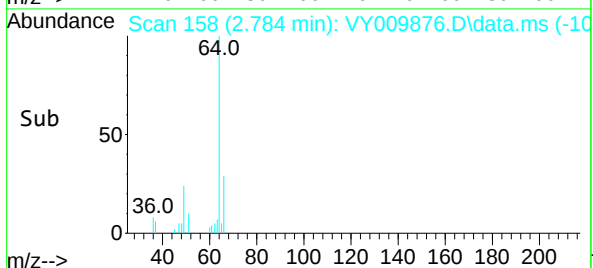
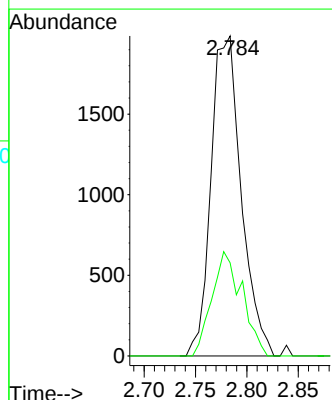
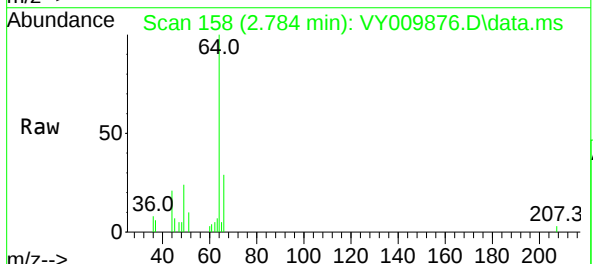
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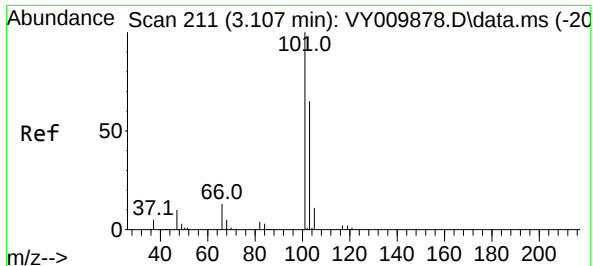
Tgt Ion: 94 Resp: 4888
Ion Ratio Lower Upper
94 100
96 97.4 74.6 111.8



#6
Chloroethane
Concen: 11.566 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 64 Resp: 4057
Ion Ratio Lower Upper
64 100
66 29.1 25.8 38.8

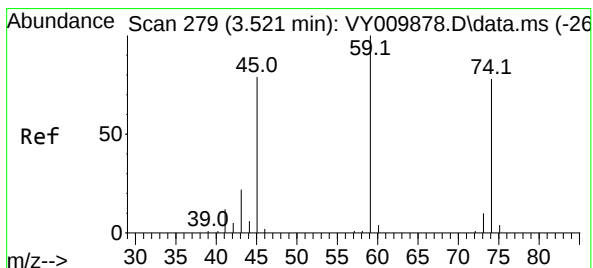
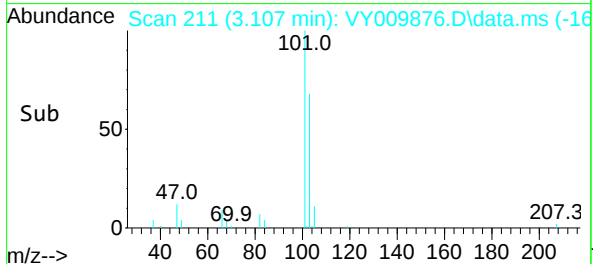
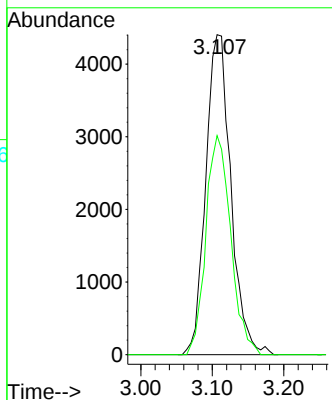
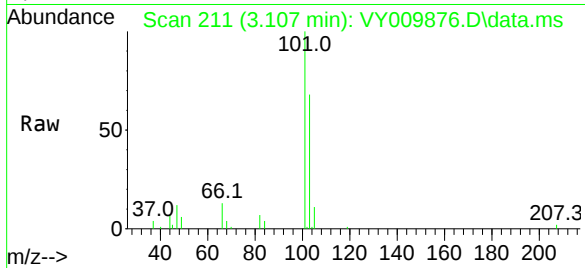




#7
 Trichlorofluoromethane
 Concen: 12.072 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY009876.D
 Acq: 08 Aug 2022 15:50

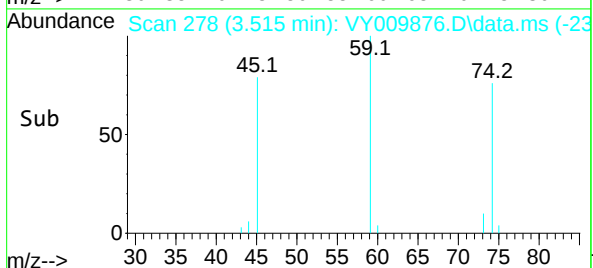
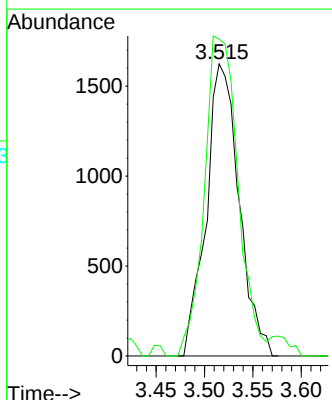
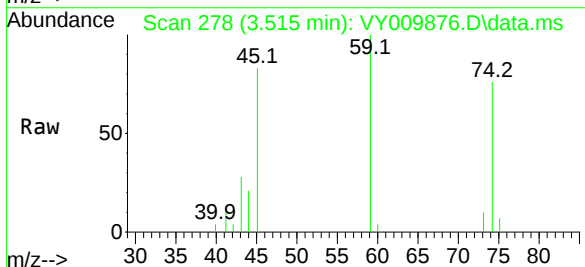
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 MSVOA_Y
 ClientSampleId :
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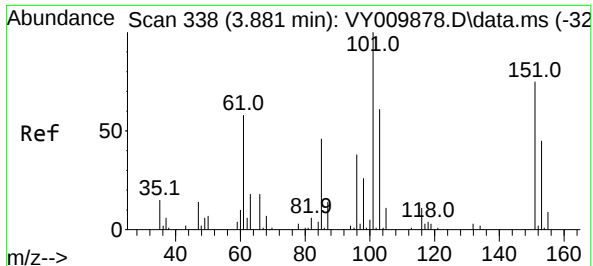
Tgt Ion:101 Resp: 10722
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 11.648 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009876.D
 Acq: 08 Aug 2022 15:50

Tgt Ion: 74 Resp: 3838
 Ion Ratio Lower Upper
 74 100
 45 112.5 49.1 147.4

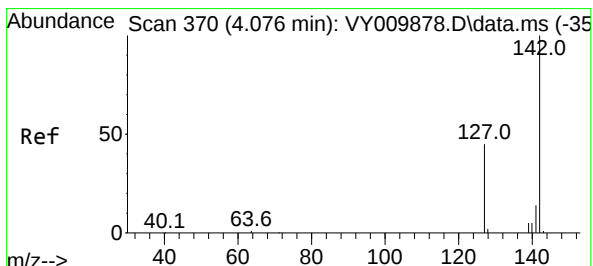
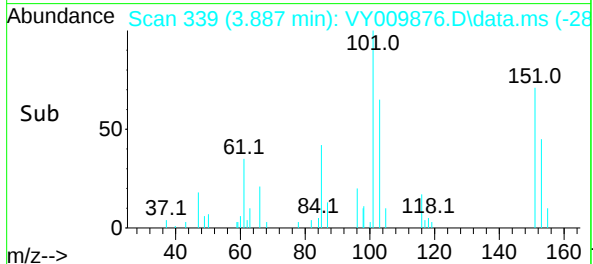
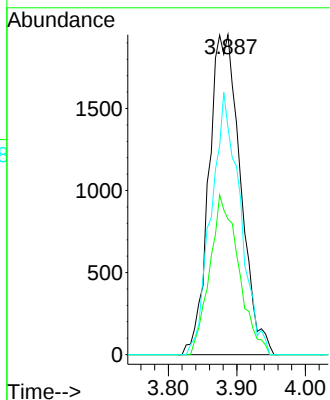
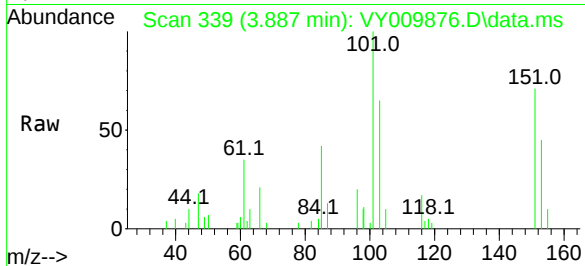




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.310 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

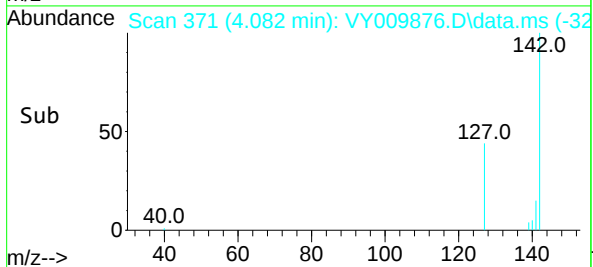
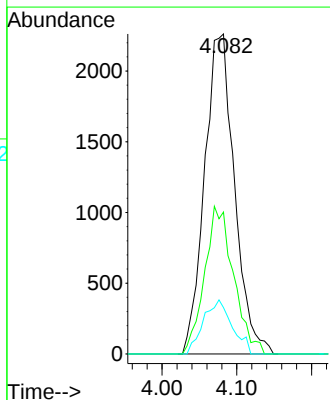
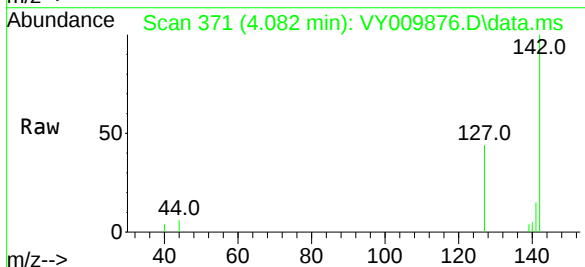
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

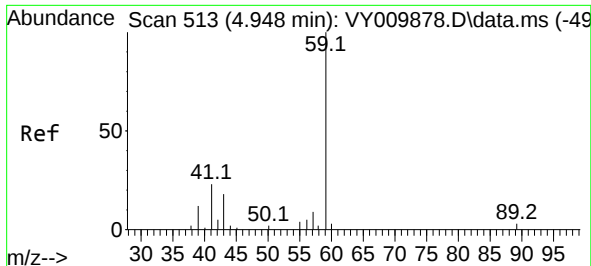
Tgt Ion:101 Resp: 6237
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.2
151 75.0 63.6 95.4



#10
Methyl Iodide
Concen: 7.986 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion:142 Resp: 6304
Ion Ratio Lower Upper
142 100
127 44.6 35.2 52.8
141 16.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 29.579 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

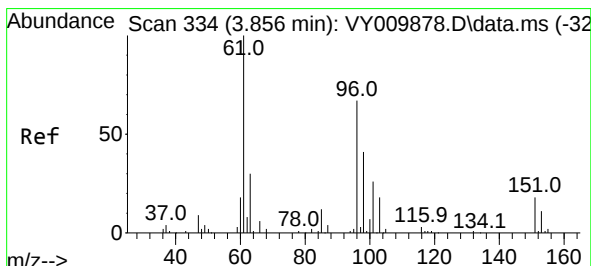
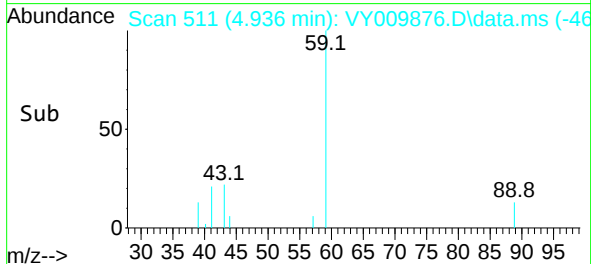
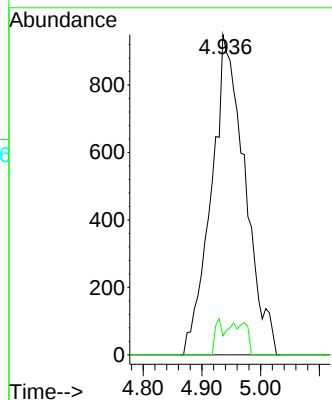
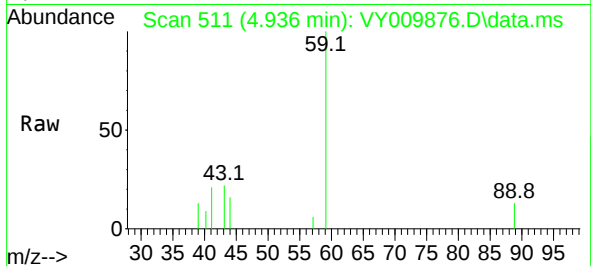
VSTDIC010

Tgt Ion: 59 Resp: 3765

Ion Ratio Lower Upper

59 100

57 2.4 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 9.198 ug/l

RT: 3.850 min Scan# 333

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

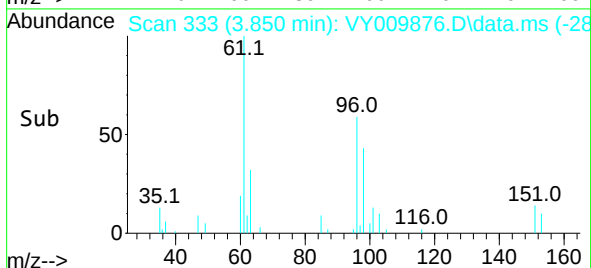
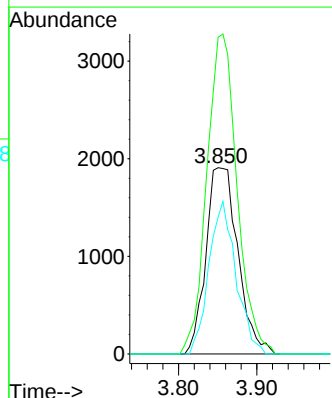
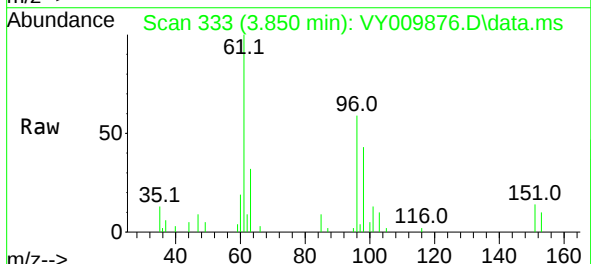
Tgt Ion: 96 Resp: 5422

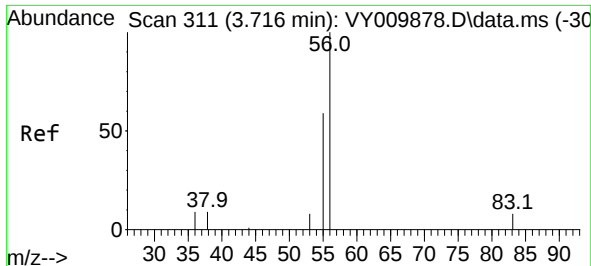
Ion Ratio Lower Upper

96 100

61 169.9 121.9 182.9

98 73.4 48.2 72.4#





#13

Acrolein

Concen: 11.797 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

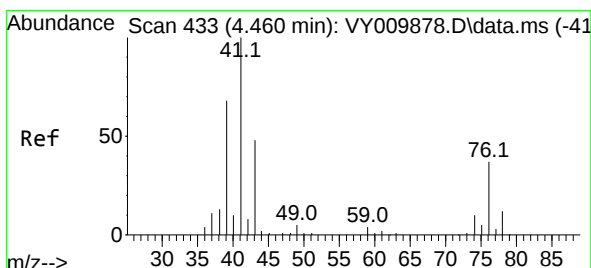
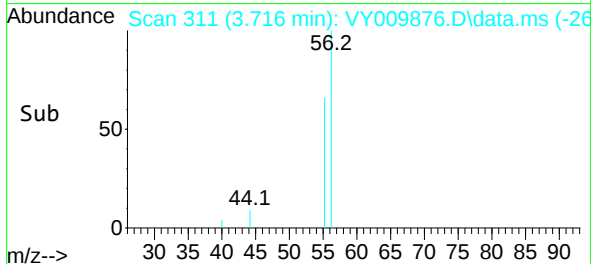
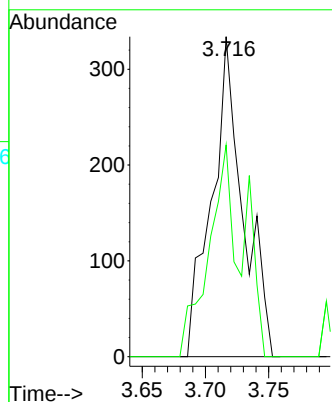
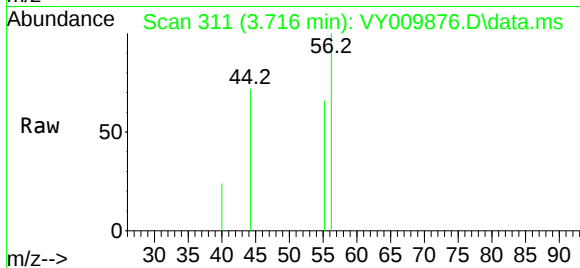
VSTDIC010

Tgt Ion: 56 Resp: 575

Ion Ratio Lower Upper

56 100

55 55.0 54.8 82.2



#14

Allyl chloride

Concen: 9.933 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

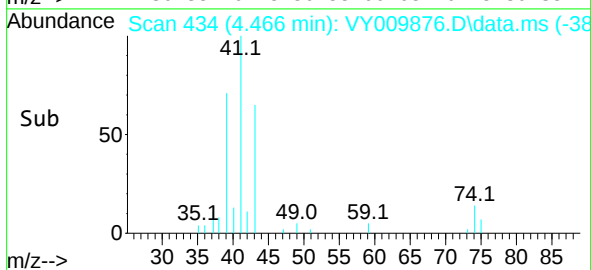
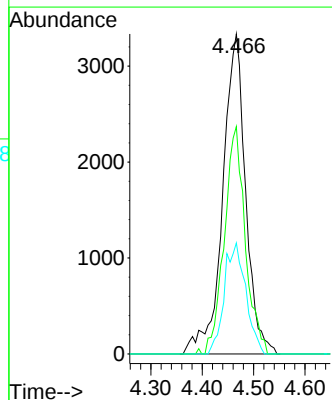
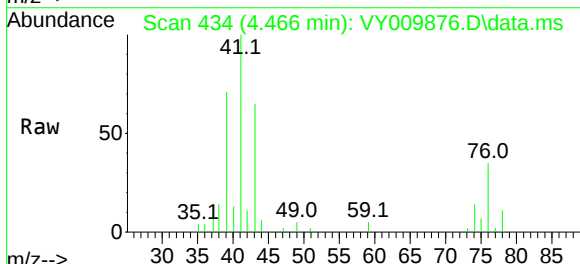
Tgt Ion: 41 Resp: 10340

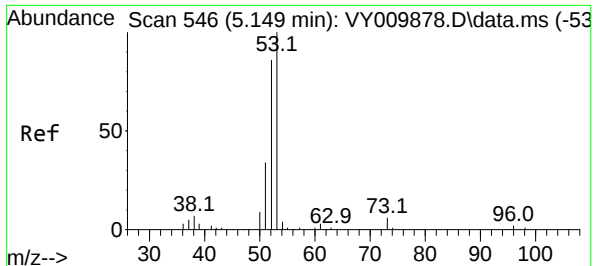
Ion Ratio Lower Upper

41 100

39 65.1 53.5 80.3

76 32.4 29.4 44.0

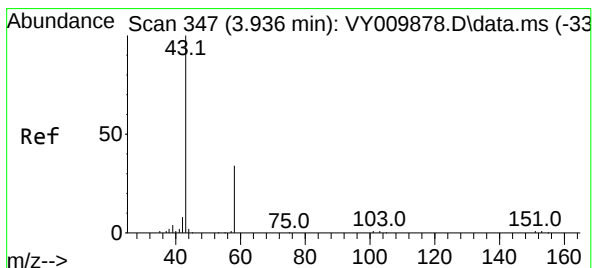
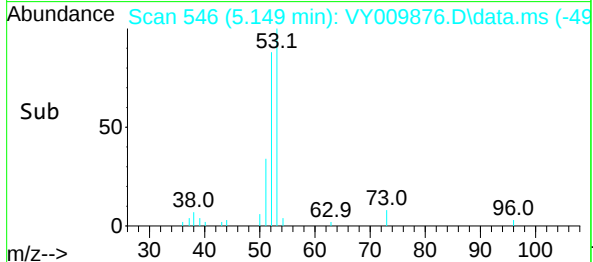
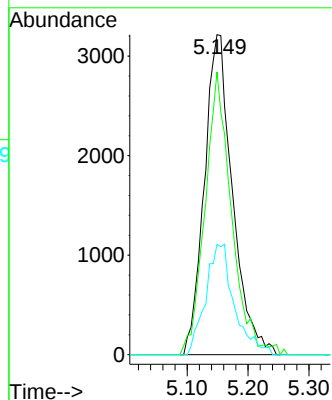
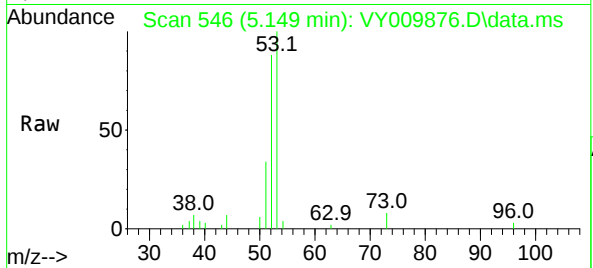




#15
Acrylonitrile
Concen: 56.843 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

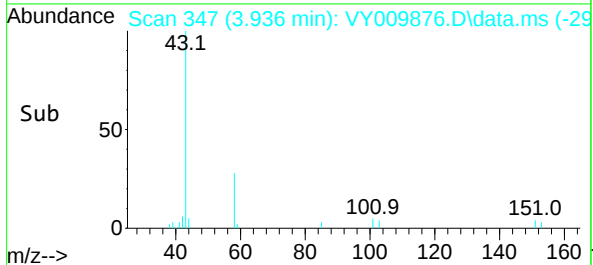
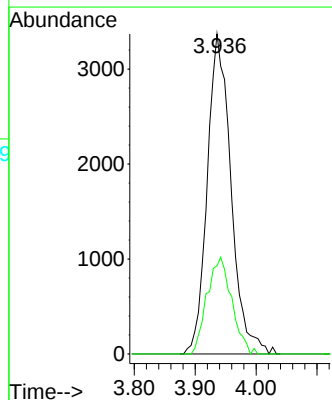
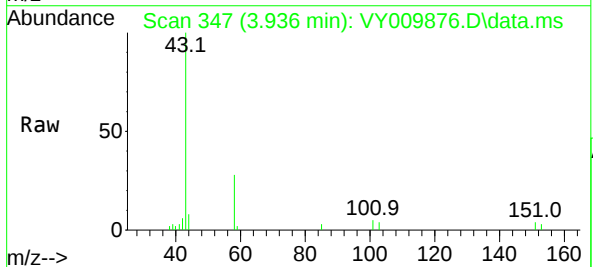
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

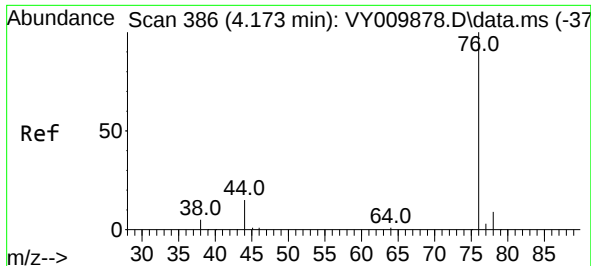
Tgt Ion: 53	Resp: 10357
Ion Ratio	Lower Upper
53 100	
52 82.8	65.4 98.2
51 35.0	28.4 42.6



#16
Acetone
Concen: 55.545 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 43	Resp: 9136		
Ion Ratio	Lower	Upper	
43 100			
58 27.5	24.0	36.0	





#17

Carbon Disulfide

Concen: 7.907 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

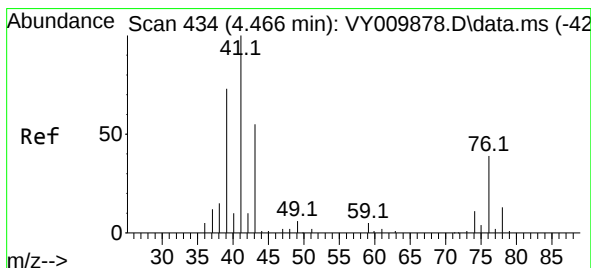
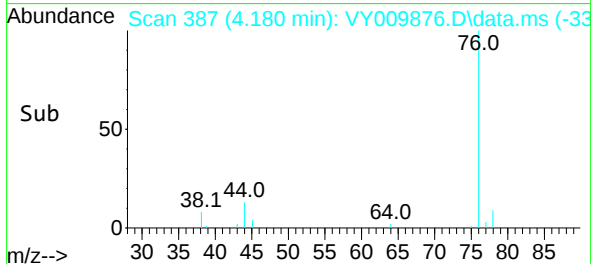
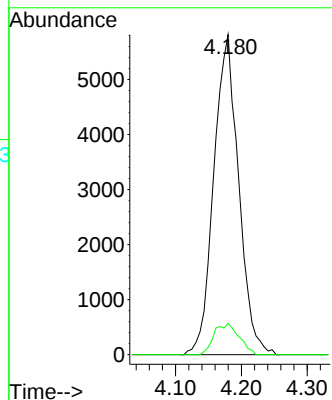
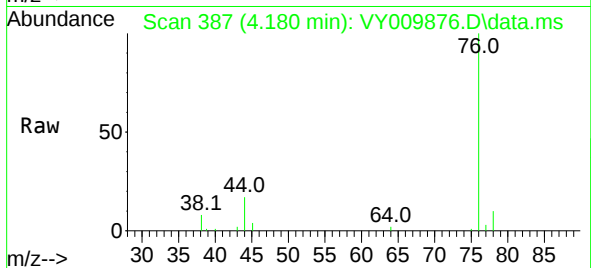
VSTDIC010

Tgt Ion: 76 Resp: 15299

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#18

Methyl Acetate

Concen: 13.239 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009876.D

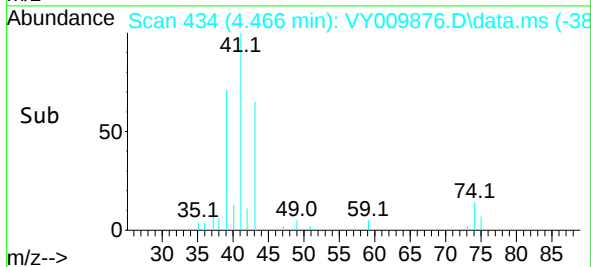
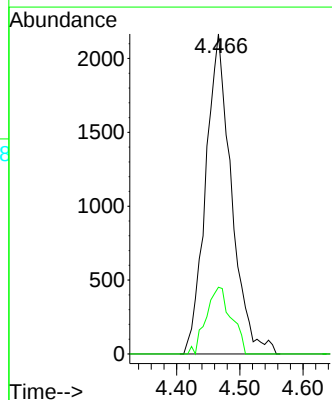
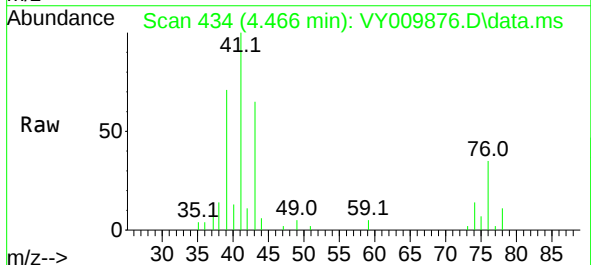
Acq: 08 Aug 2022 15:50

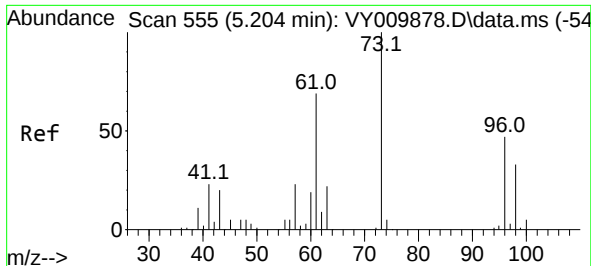
Tgt Ion: 43 Resp: 6130

Ion Ratio Lower Upper

43 100

74 20.3 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 9.670 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

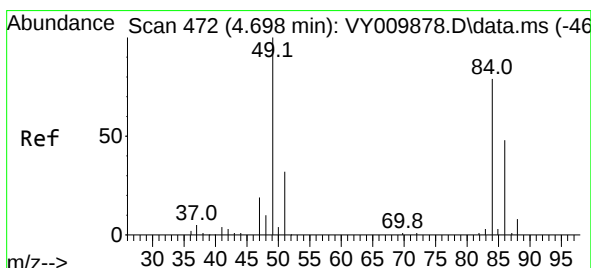
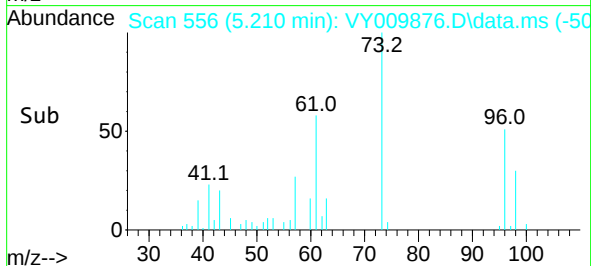
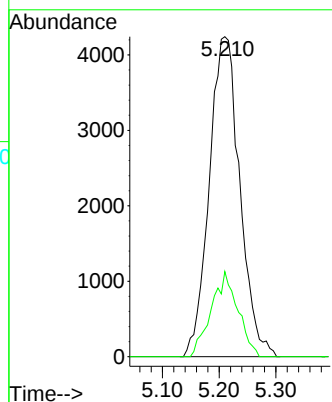
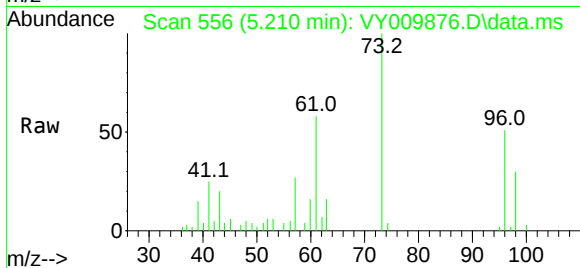
VSTDIC010

Tgt Ion: 73 Resp: 15874

Ion Ratio Lower Upper

73 100

57 26.6 18.5 27.7



#20

Methylene Chloride

Concen: 16.660 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Tgt Ion: 84 Resp: 13971

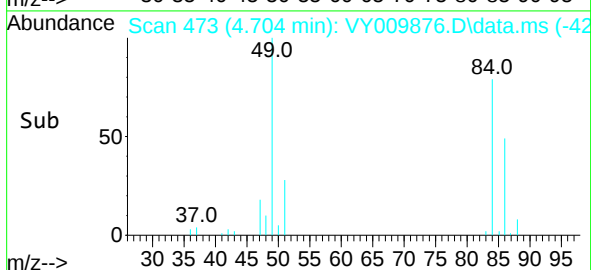
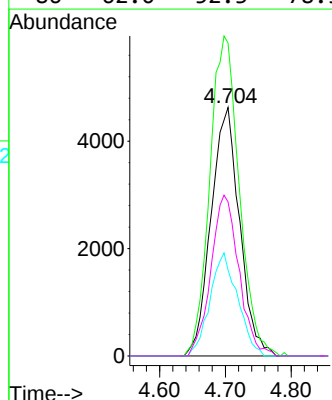
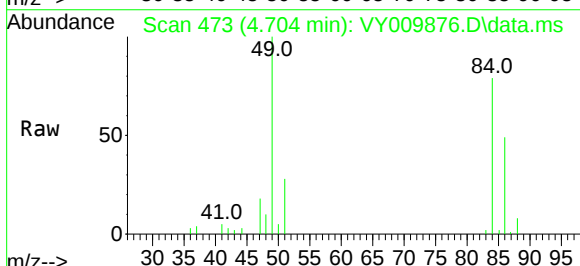
Ion Ratio Lower Upper

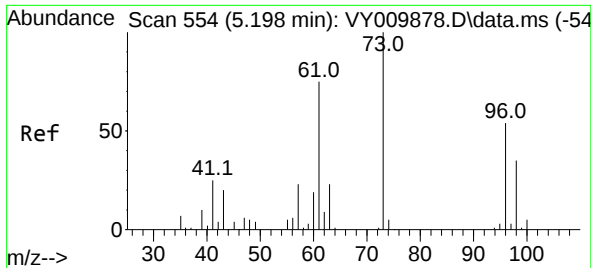
84 100

49 125.9 98.2 147.4

51 34.7 33.4 50.0

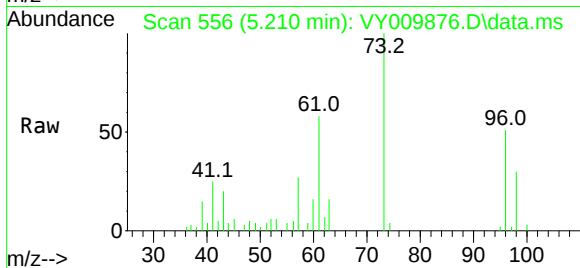
86 62.0 52.3 78.5





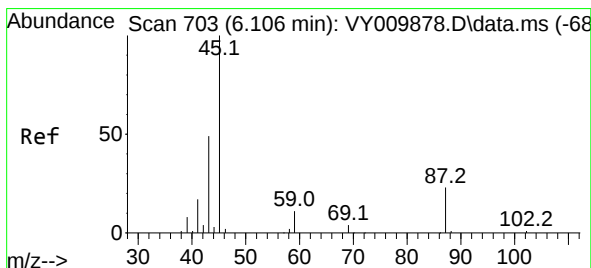
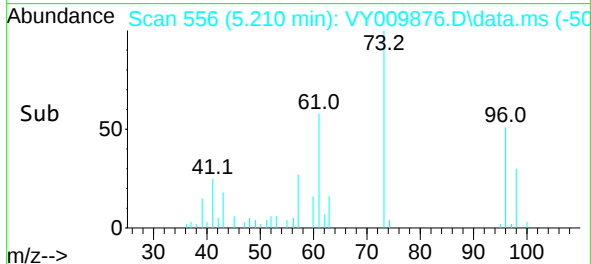
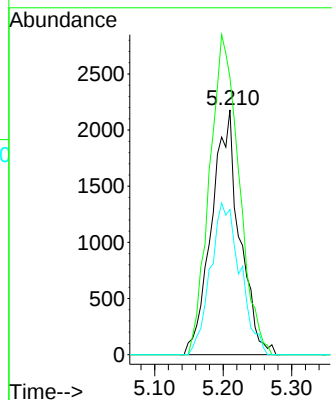
#21
trans-1,2-Dichloroethene
Concen: 8.977 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 6197

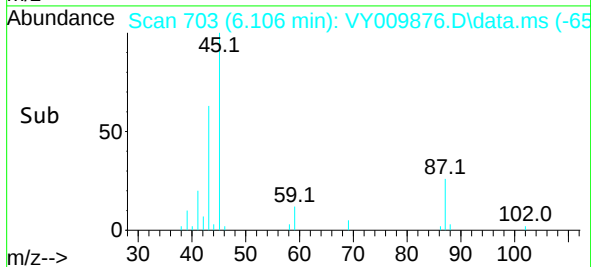
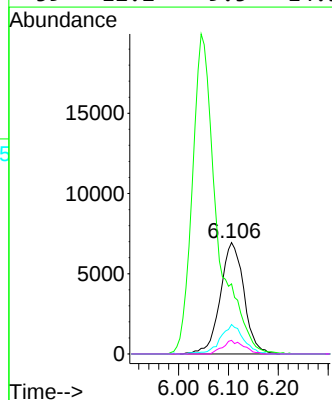
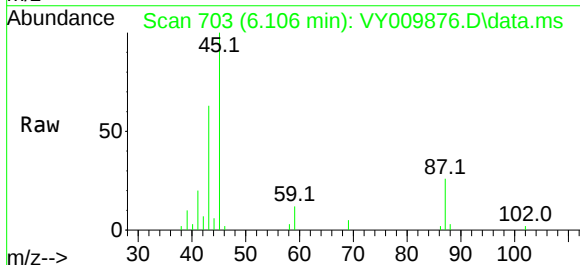
Ion	Ratio	Lower	Upper
96	100		
61	113.2	105.8	158.6
98	59.3	49.7	74.5

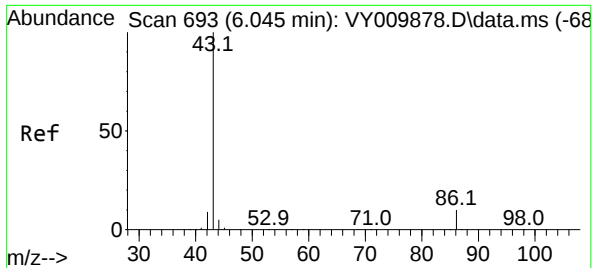


#22
Diisopropyl ether
Concen: 10.948 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 45 Resp: 22855

Ion	Ratio	Lower	Upper
45	100		
43	62.2	43.7	65.5
87	26.5	22.2	33.4
59	12.2	9.5	14.3

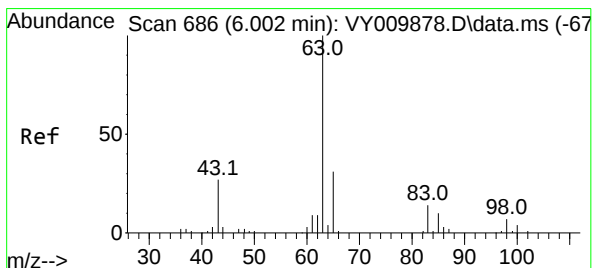
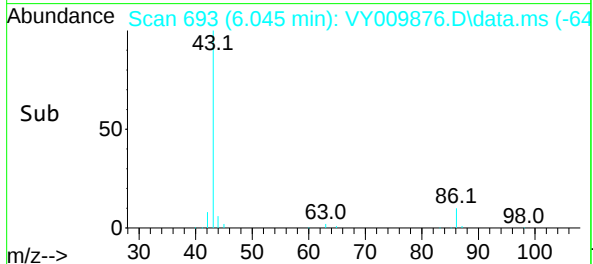
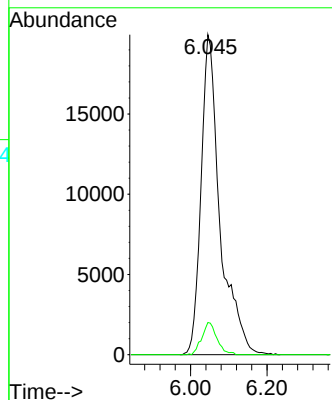
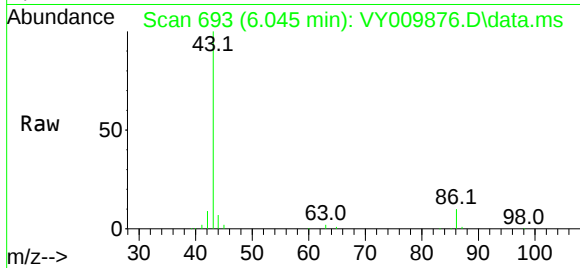




#23
 Vinyl Acetate
 Concen: 51.146 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009876.D
 Acq: 08 Aug 2022 15:50

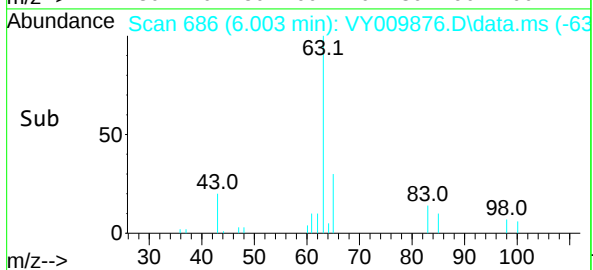
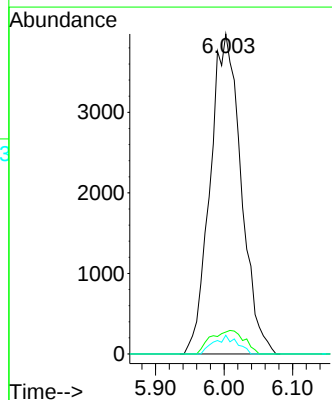
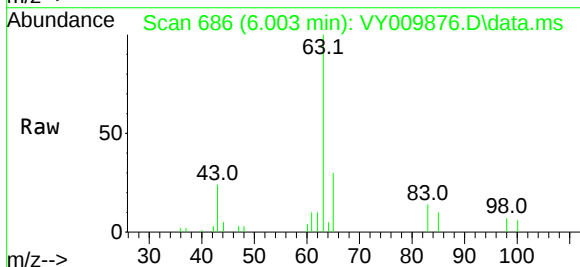
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

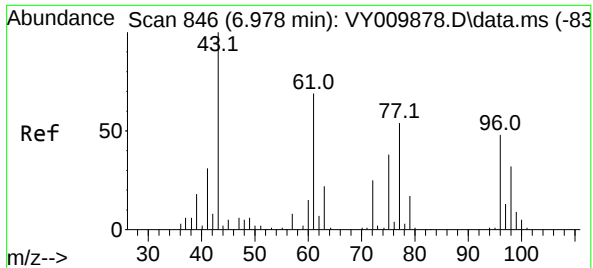
Tgt Ion: 43 Resp: 68580
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 10.596 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009876.D
 Acq: 08 Aug 2022 15:50

Tgt Ion: 63 Resp: 12499
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.8 2.8 8.3





#25

2-Butanone

Concen: 59.532 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

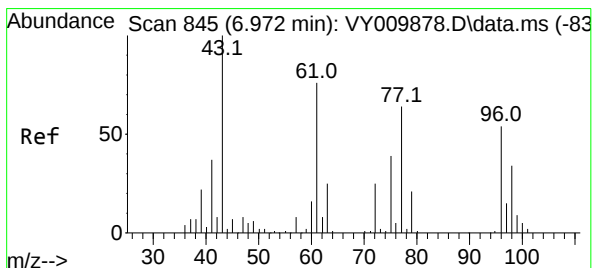
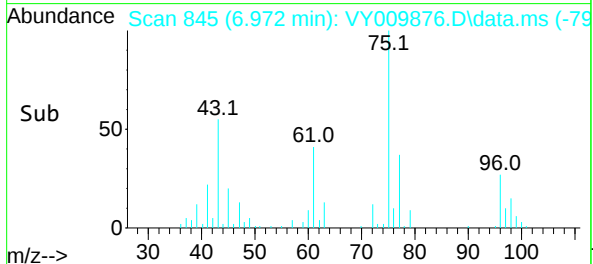
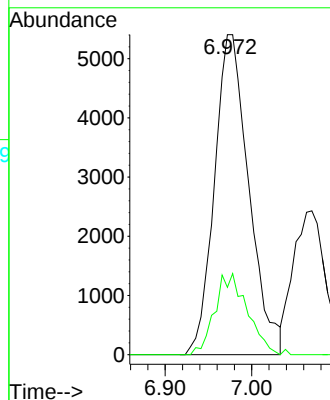
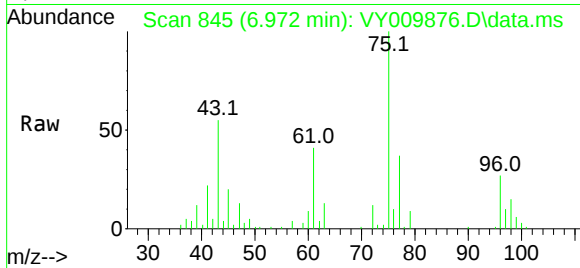
VSTDICC010

Tgt Ion: 43 Resp: 14941

Ion Ratio Lower Upper

43 100

72 21.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 10.482 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009876.D

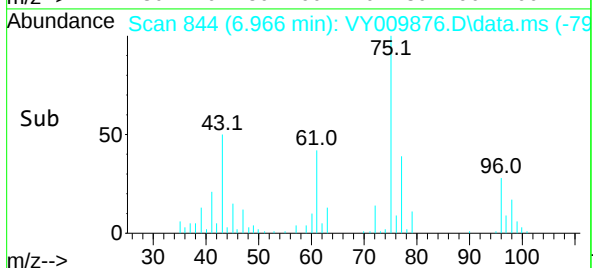
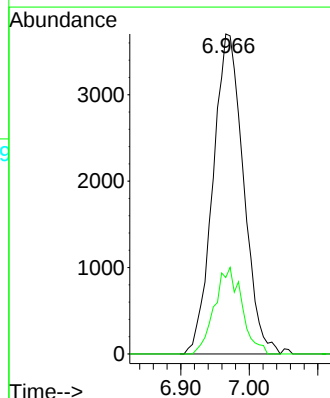
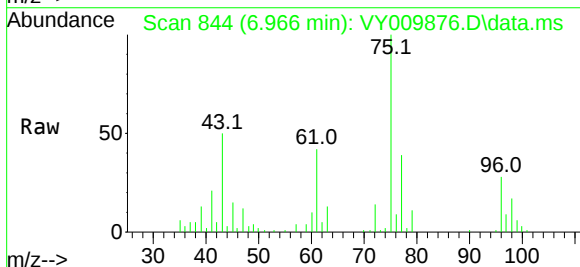
Acq: 08 Aug 2022 15:50

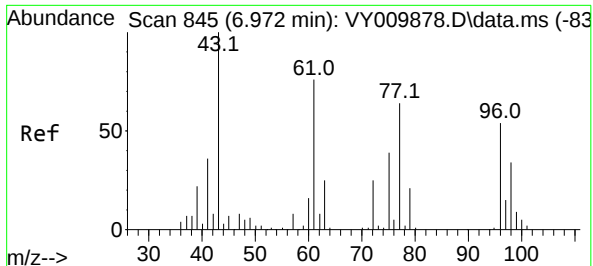
Tgt Ion: 77 Resp: 11434

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 9.688 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

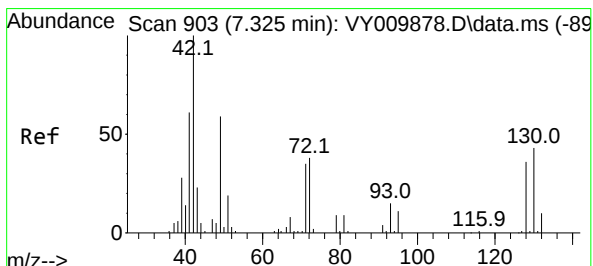
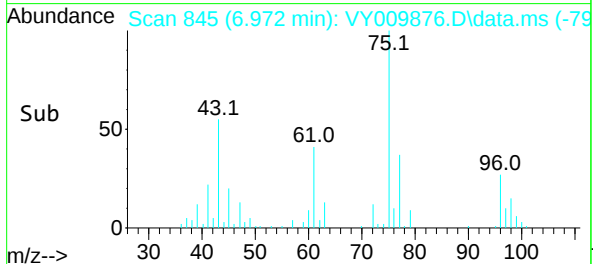
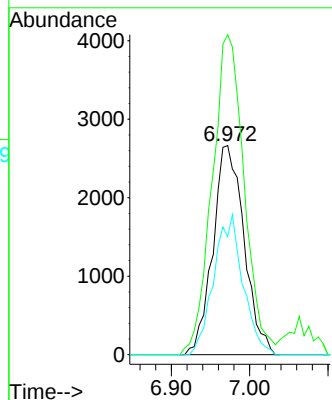
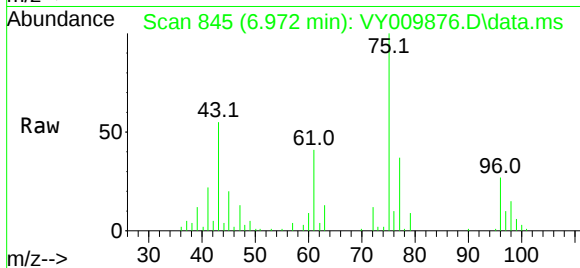
Tgt Ion: 96 Resp: 7370

Ion Ratio Lower Upper

96 100

61 157.3 0.0 285.6

98 62.6 0.0 131.0



#28

Bromochloromethane

Concen: 9.138 ug/l

RT: 7.325 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

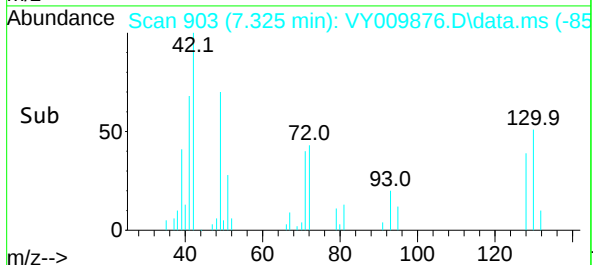
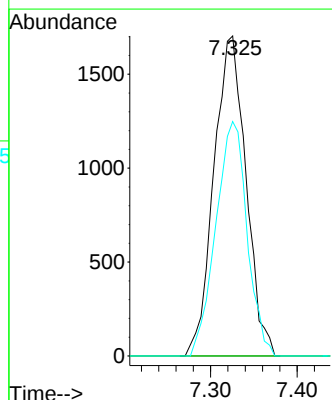
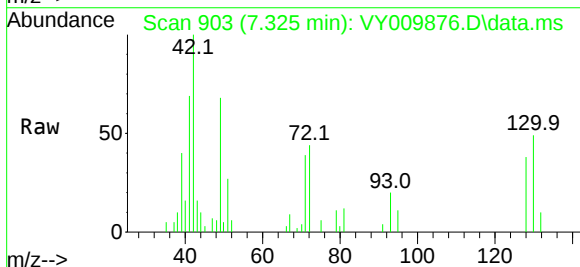
Tgt Ion: 49 Resp: 4387

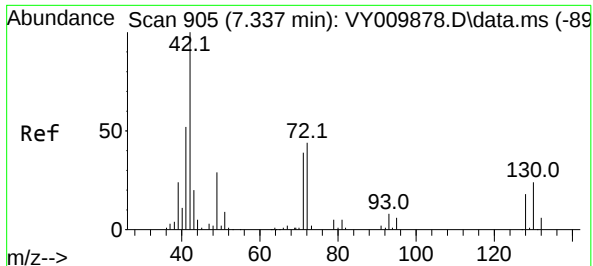
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 71.4 64.1 96.1

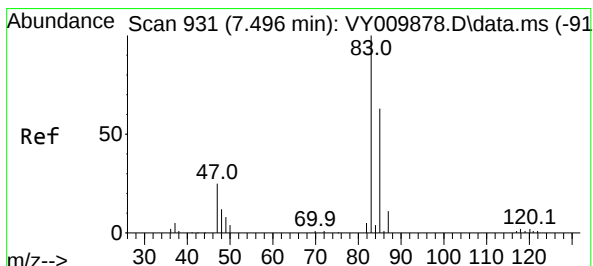
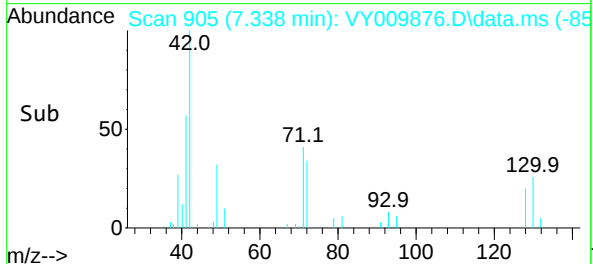
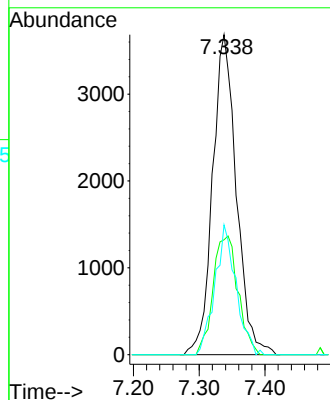
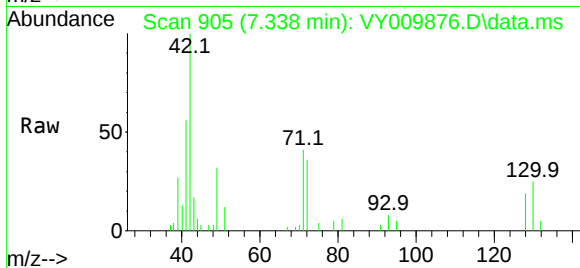




#29
Tetrahydrofuran
Concen: 57.475 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

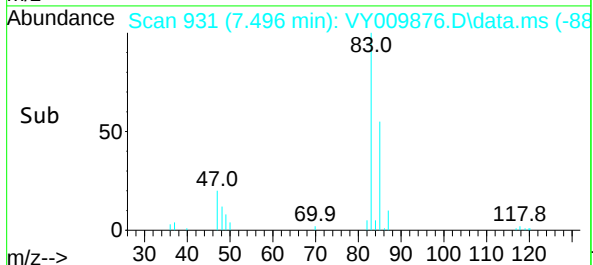
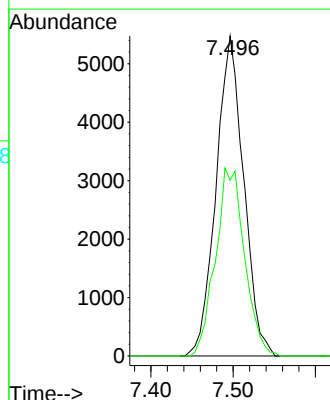
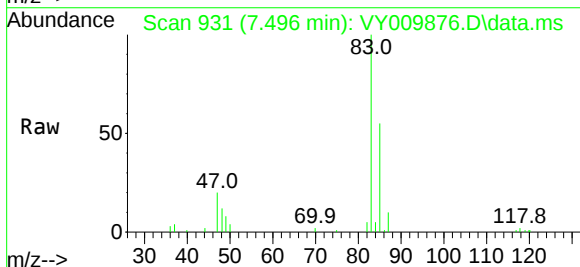
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

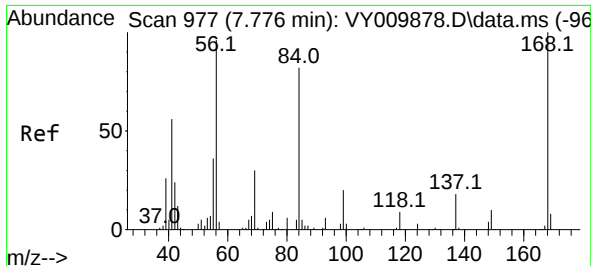
Tgt Ion:	42	Resp:	9258
Ion	Ratio	Lower	Upper
42	100		
72	38.9	34.6	52.0
71	36.0	32.7	49.1



#30
Chloroform
Concen: 10.725 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion:	83	Resp:	12775
Ion	Ratio	Lower	Upper
83	100		
85	55.0	50.5	75.7

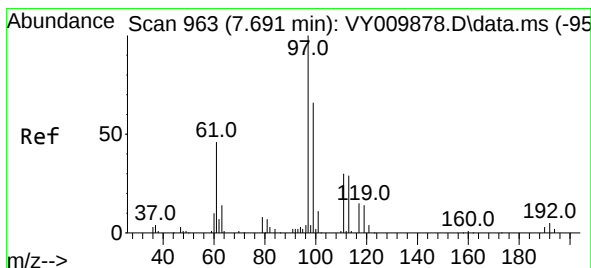
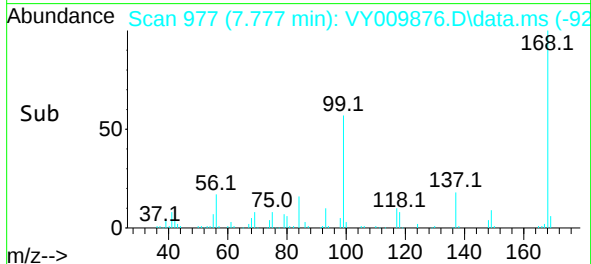
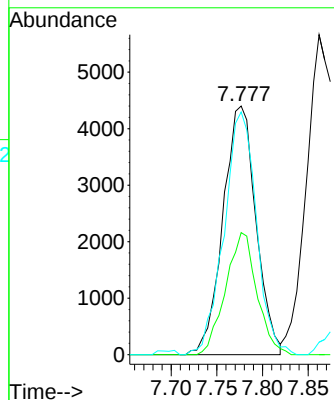
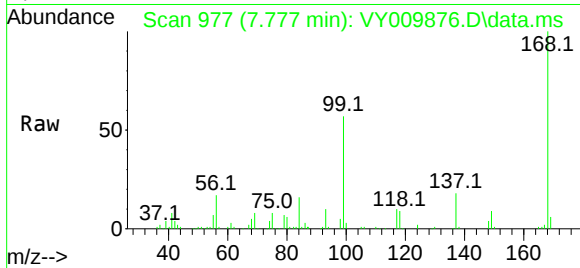




#31
Cyclohexane
Concen: 9.508 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

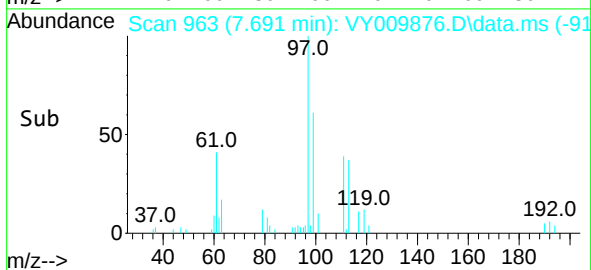
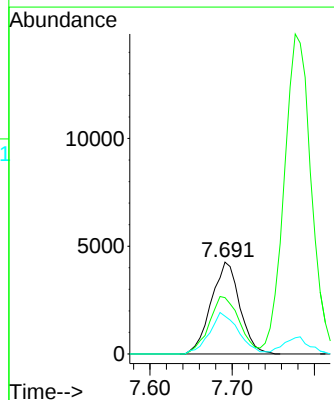
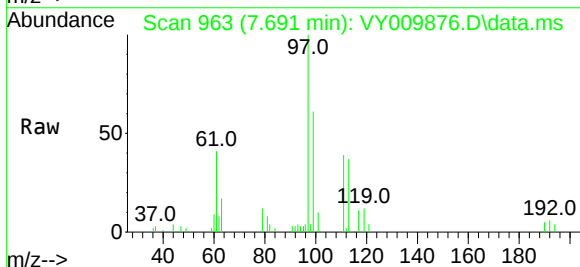
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

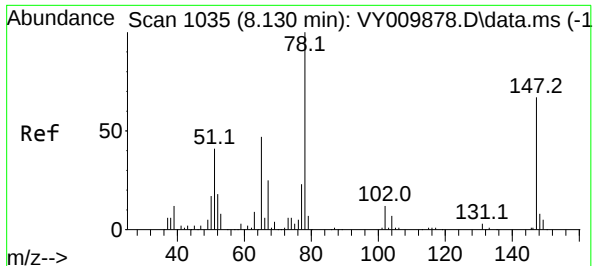
Tgt Ion: 56 Resp: 11058
Ion Ratio Lower Upper
56 100
69 49.1 26.0 39.0#
84 97.6 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 9.834 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 97 Resp: 10286
Ion Ratio Lower Upper
97 100
99 66.4 51.8 77.8
61 46.1 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 14.064 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

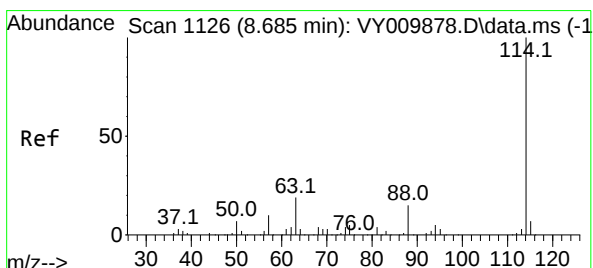
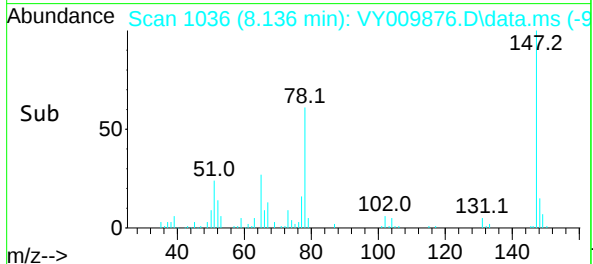
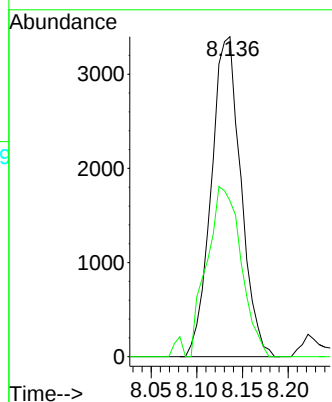
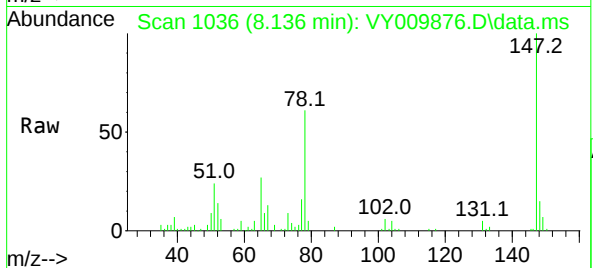
VSTDIC010

Tgt Ion: 65 Resp: 7667

Ion Ratio Lower Upper

65 100

67 61.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

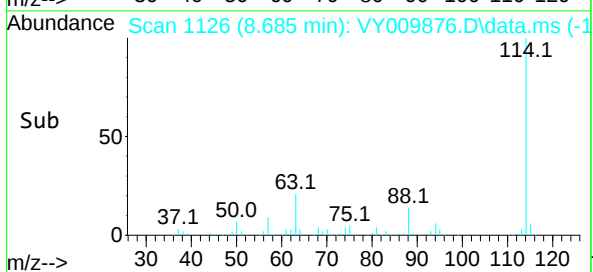
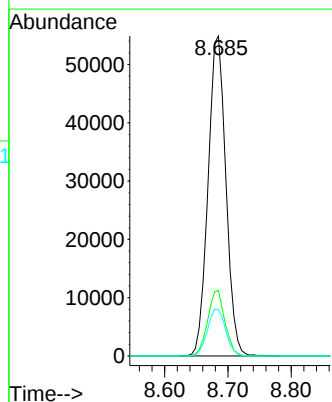
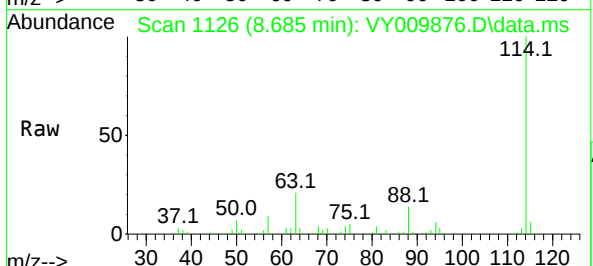
Tgt Ion: 114 Resp: 107566

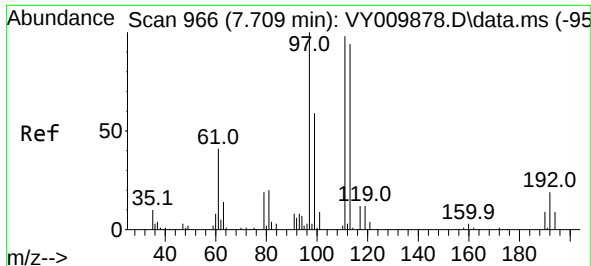
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 11.618 ug/l

RT: 7.703 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

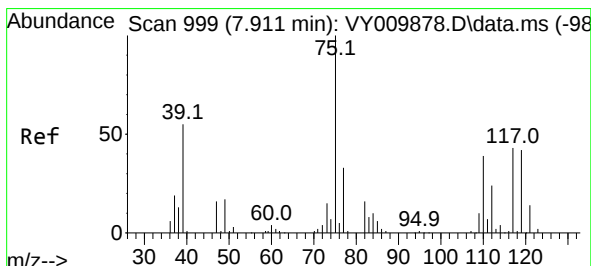
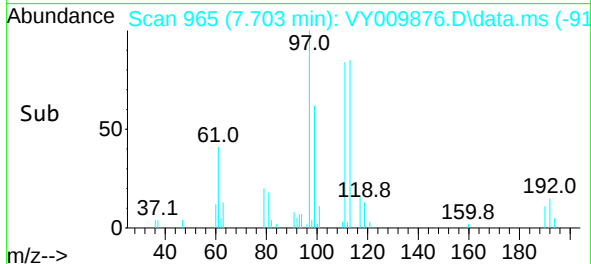
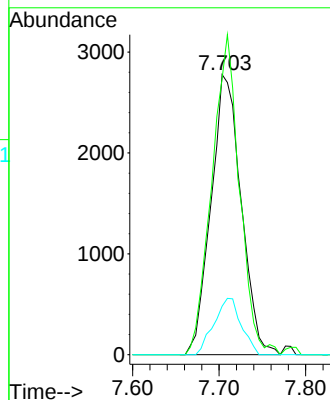
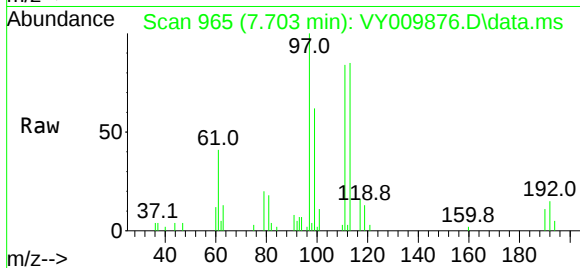
Tgt Ion:113 Resp: 6721

Ion Ratio Lower Upper

113 100

111 104.6 80.6 120.8

192 18.1 16.2 24.4



#36

1,1-Dichloropropene

Concen: 9.003 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

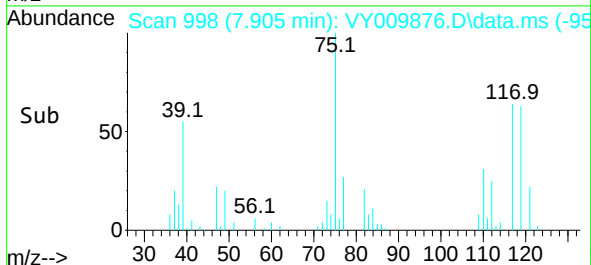
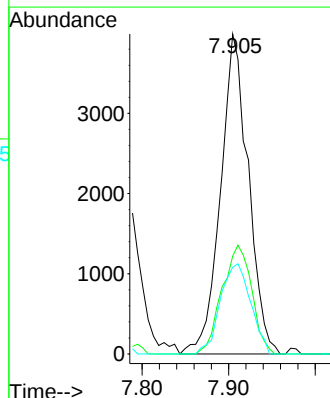
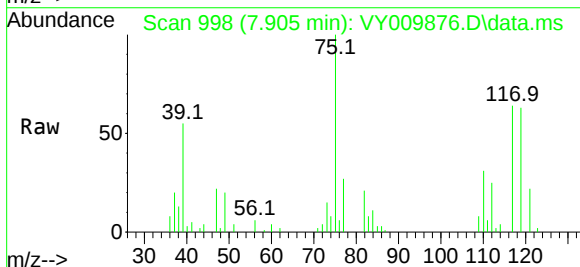
Tgt Ion: 75 Resp: 8888

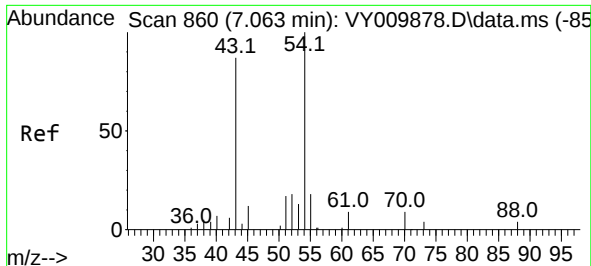
Ion Ratio Lower Upper

75 100

110 36.2 18.6 56.0

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 11.707 ug/l

RT: 7.069 min Scan# 860

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

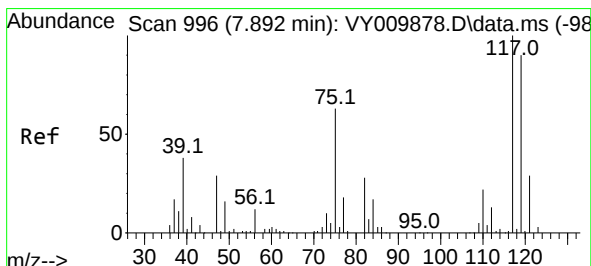
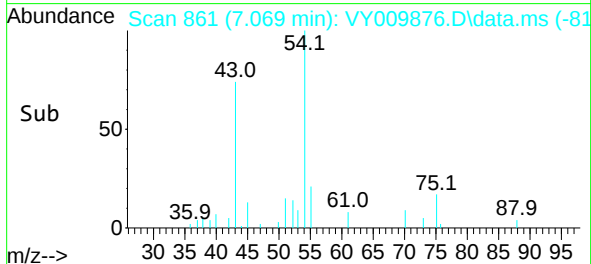
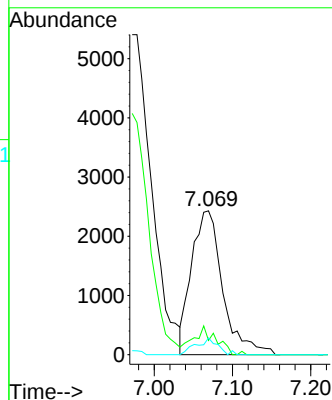
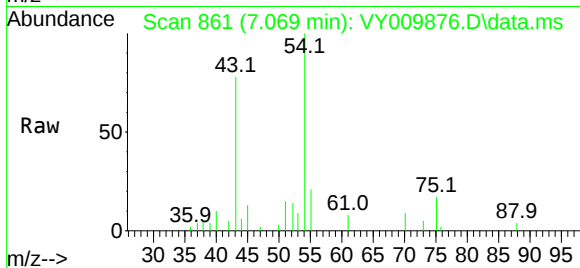
Tgt Ion: 43 Resp: 6724

Ion Ratio Lower Upper

43 100

61 14.3 11.2 16.8

70 8.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 9.335 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

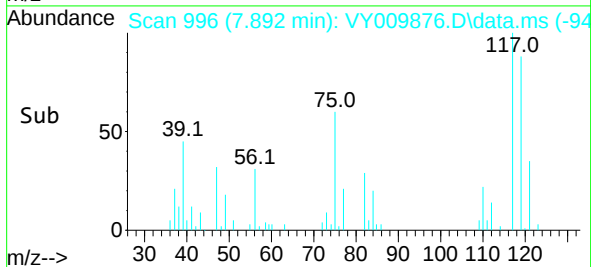
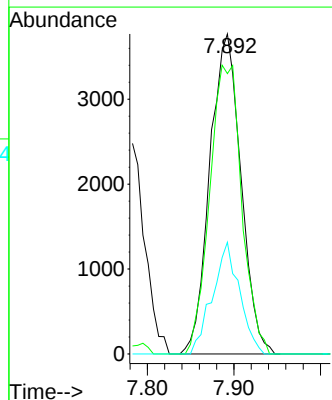
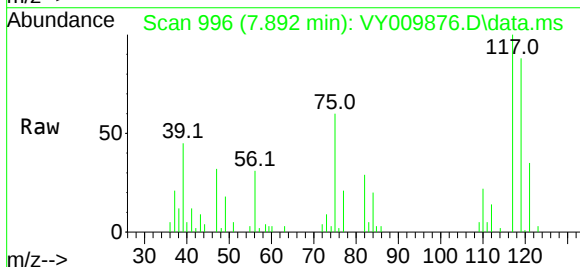
Tgt Ion: 117 Resp: 9409

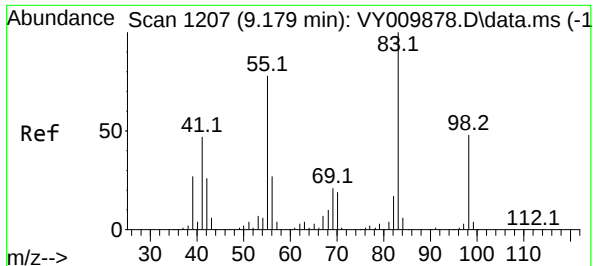
Ion Ratio Lower Upper

117 100

119 87.6 75.9 113.9

121 34.9 24.9 37.3





#39

Methylcyclohexane

Concen: 8.222 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

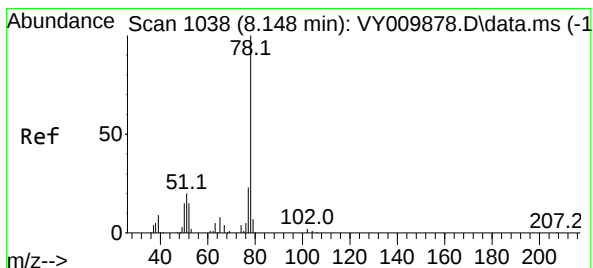
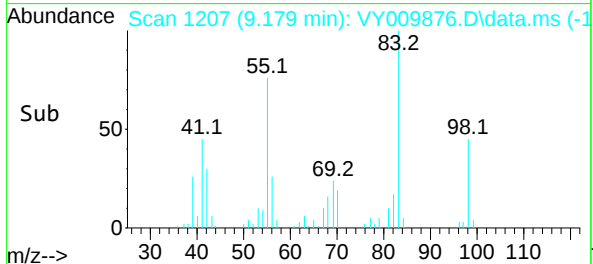
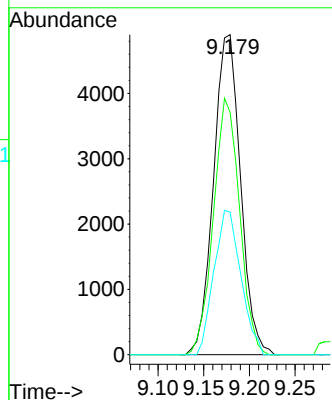
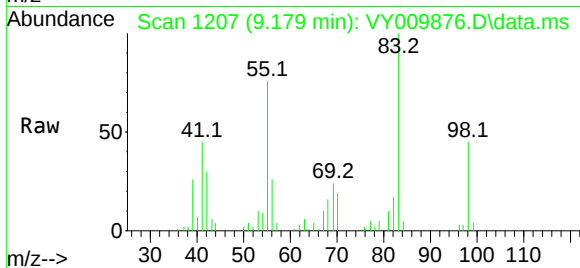
Tgt Ion: 83 Resp: 10074

Ion Ratio Lower Upper

83 100

55 75.7 56.7 85.1

98 44.5 39.9 59.9



#40

Benzene

Concen: 9.718 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009876.D

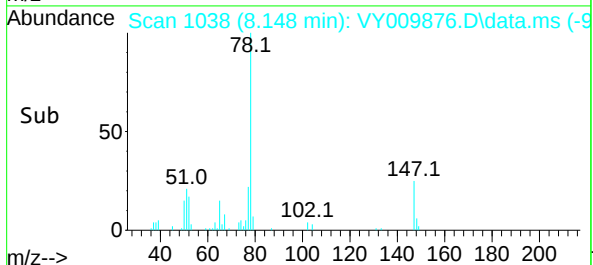
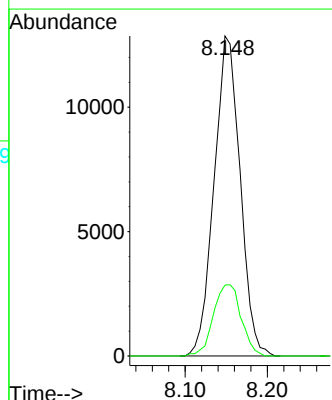
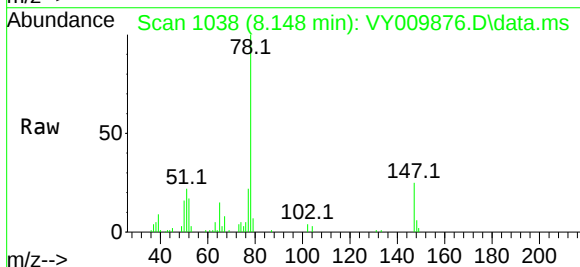
Acq: 08 Aug 2022 15:50

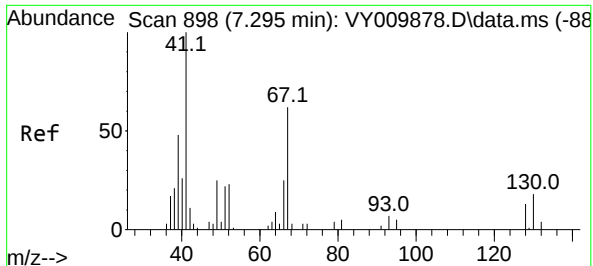
Tgt Ion: 78 Resp: 28278

Ion Ratio Lower Upper

78 100

77 22.2 19.4 29.0

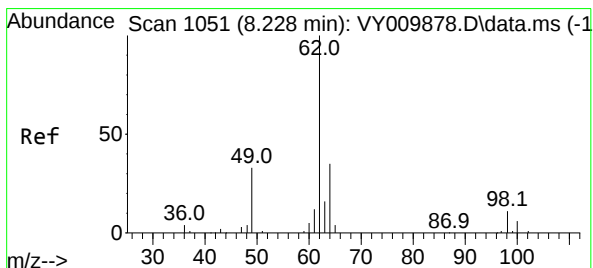
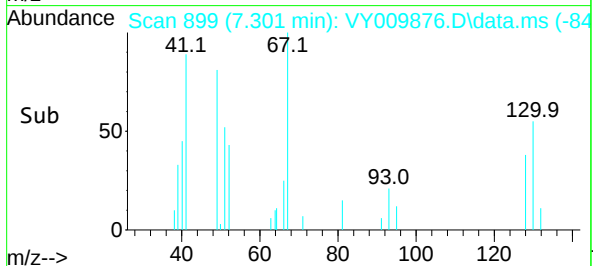
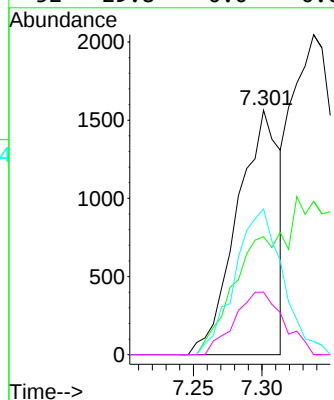
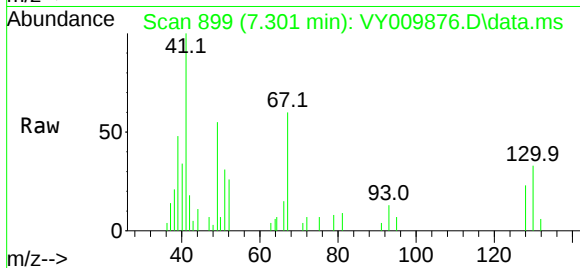




#41
Methacrylonitrile
Concen: 10.758 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

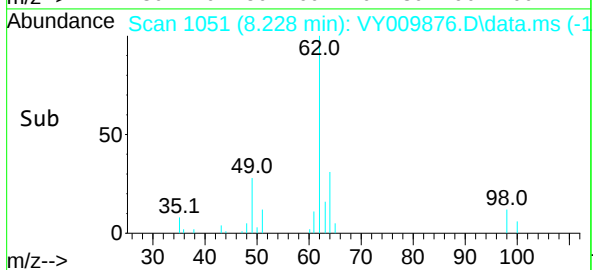
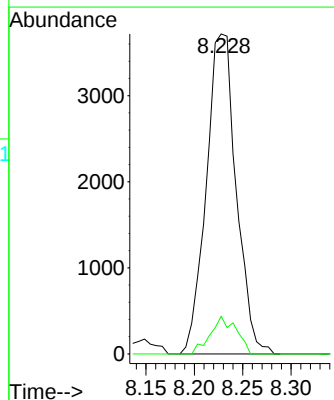
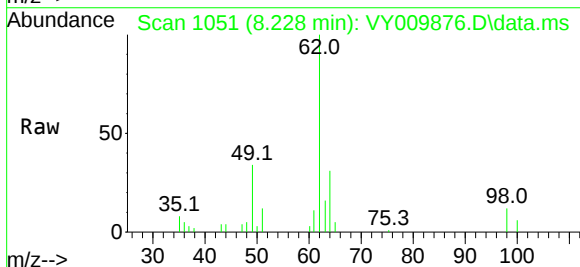
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

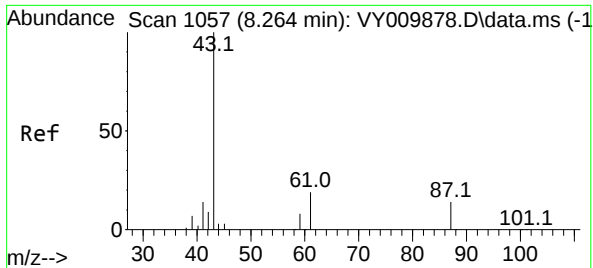
Tgt Ion:	41	Resp:	3359
Ion	Ratio	Lower	Upper
41	100		
39	46.1	0.0	0.0#
67	67.5	0.0	0.0#
52	29.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 9.876 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion:	62	Resp:	8022
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6

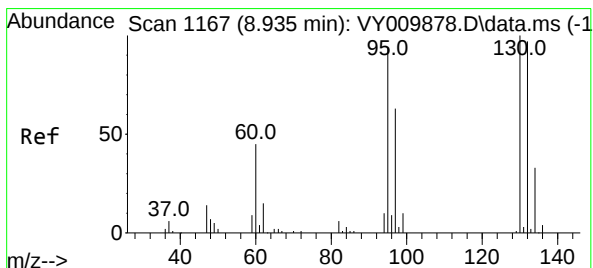
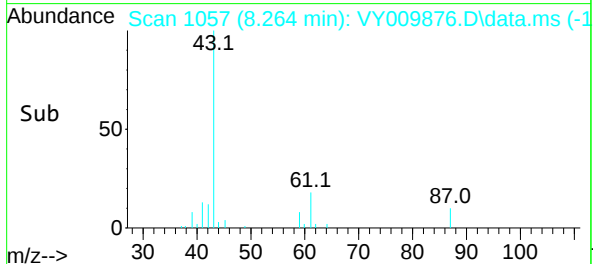
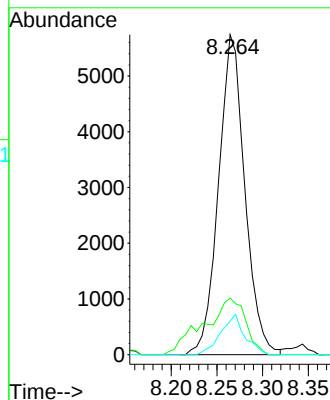
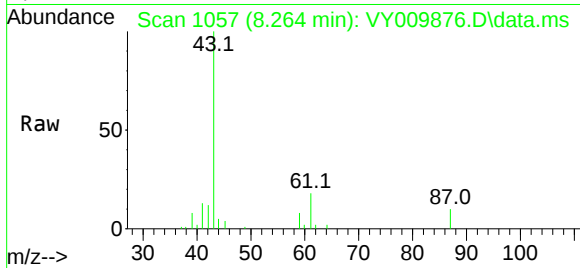




#43
Isopropyl Acetate
Concen: 10.841 ug/l
RT: 8.264 min Scan# 11501
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

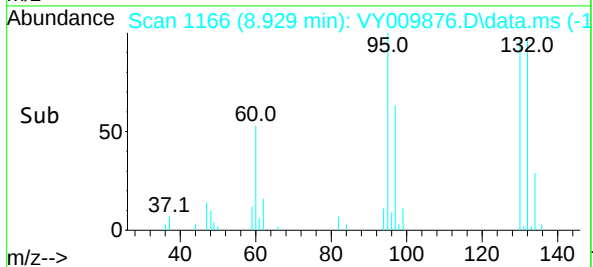
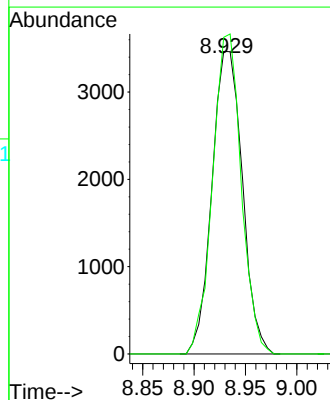
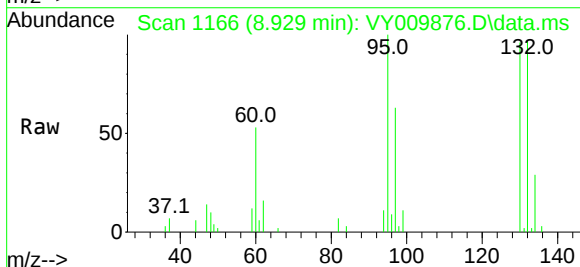
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

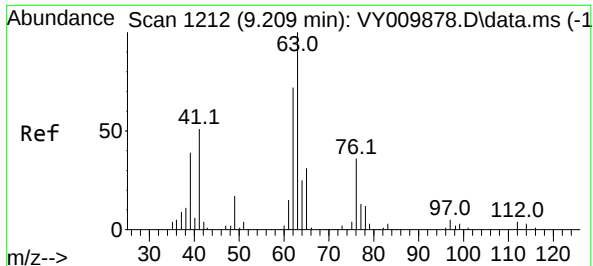
Tgt Ion: 43	Resp: 11501
Ion Ratio	Lower Upper
43 100	
61 28.1	23.6 35.4
87 11.5	11.3 16.9



#44
Trichloroethene
Concen: 8.892 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion:130	Resp:	7125	
Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	194.6





#45

1,2-Dichloropropane

Concen: 10.544 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

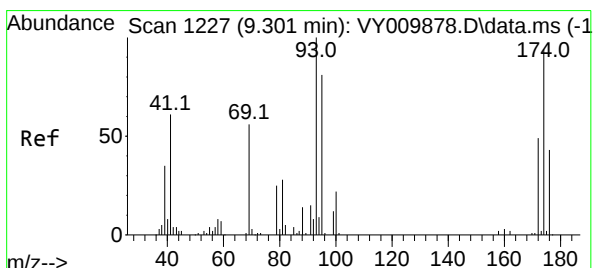
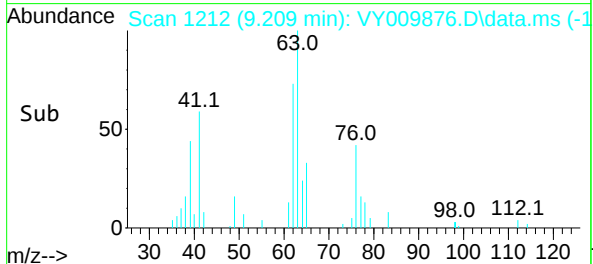
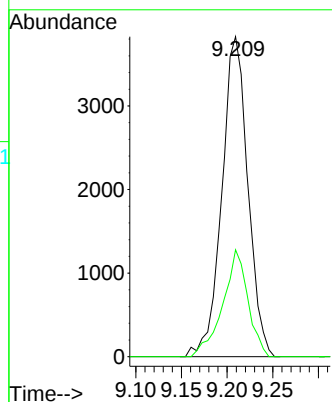
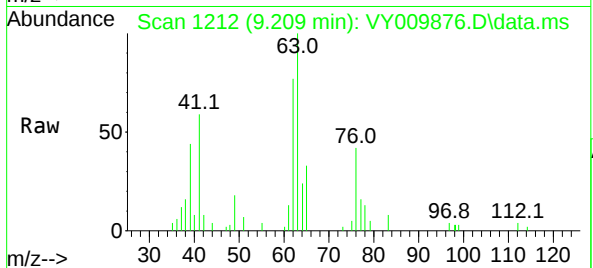
VSTDIC010

Tgt Ion: 63 Resp: 7569

Ion Ratio Lower Upper

63 100

65 33.4 23.7 35.5



#46

Dibromomethane

Concen: 10.446 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

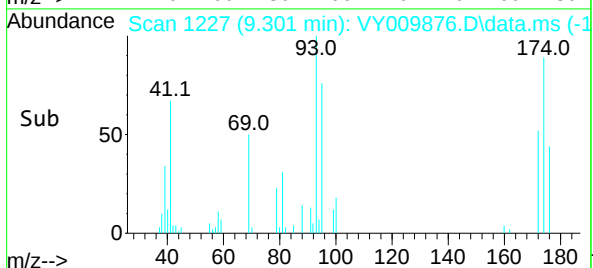
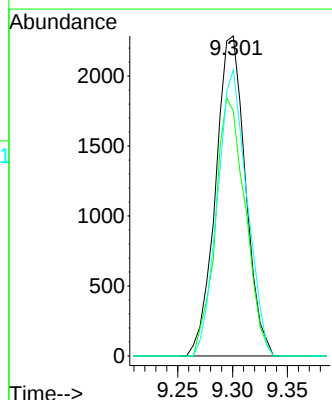
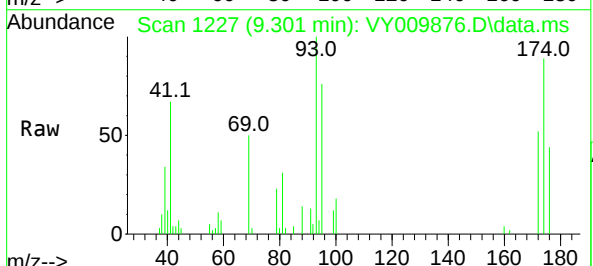
Tgt Ion: 93 Resp: 4334

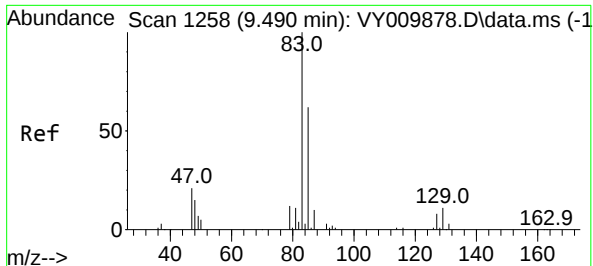
Ion Ratio Lower Upper

93 100

95 80.4 66.3 99.5

174 88.2 80.6 120.8

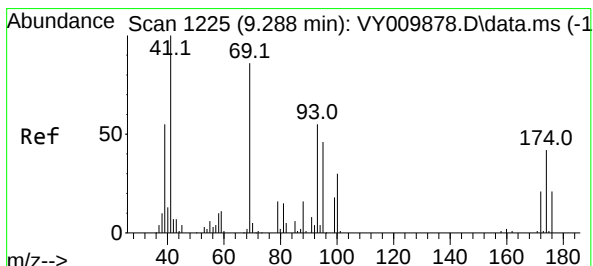
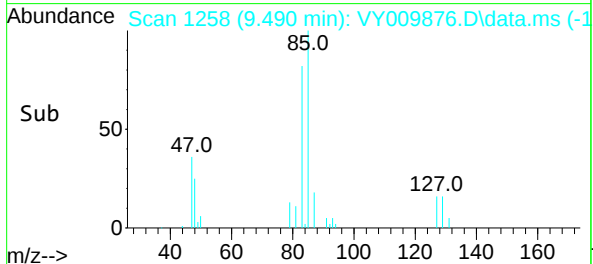
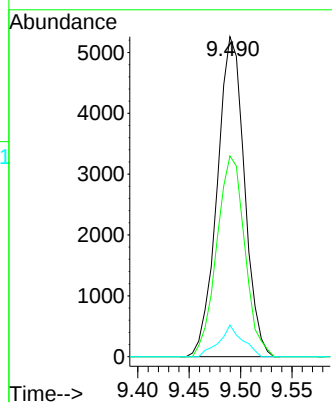
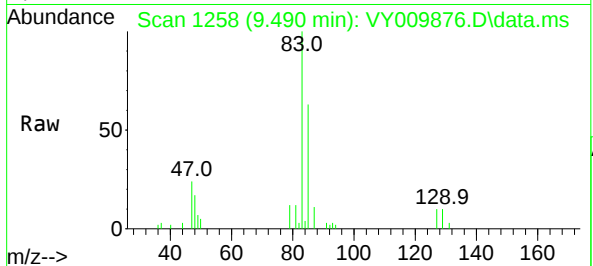




#47
Bromodichloromethane
Concen: 10.086 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

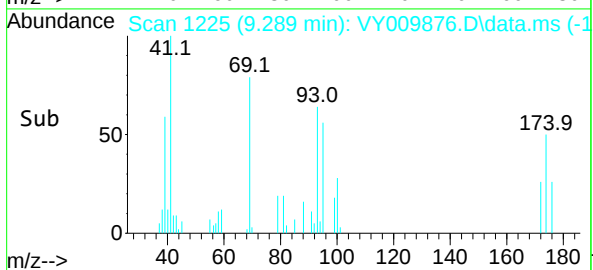
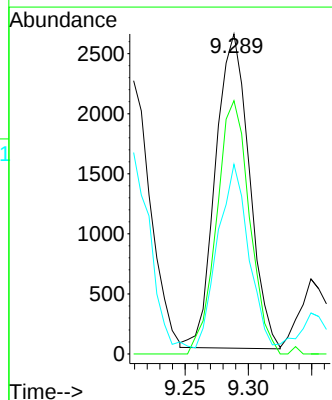
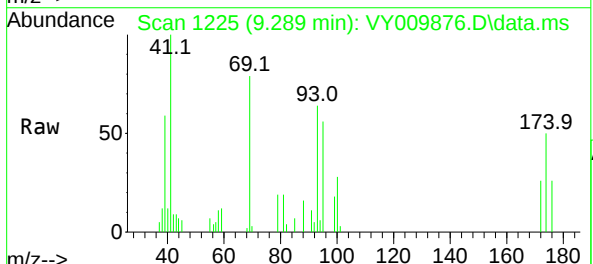
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

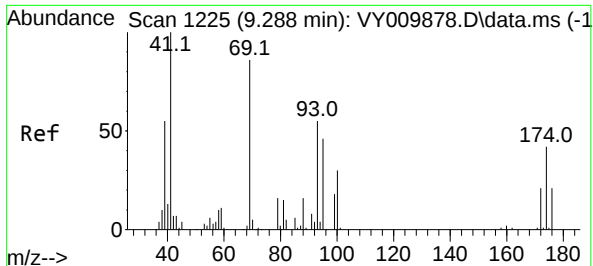
Tgt Ion: 83	Resp:	9674
Ion Ratio	Lower	Upper
83	100	
85	62.7	51.2 76.8
127	9.9	7.1 10.7



#48
Methyl methacrylate
Concen: 10.309 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 41	Resp:	4851
Ion Ratio	Lower	Upper
41	100	
69	78.7	73.2 109.8
39	57.5	47.5 71.3





#49

1,4-Dioxane

Concen: 170.037 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

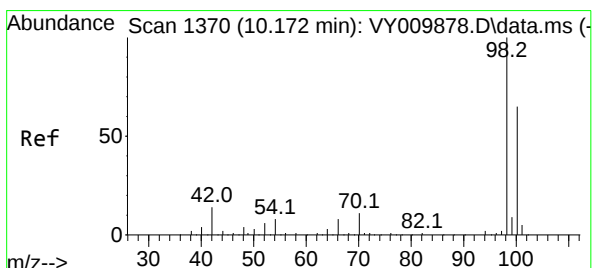
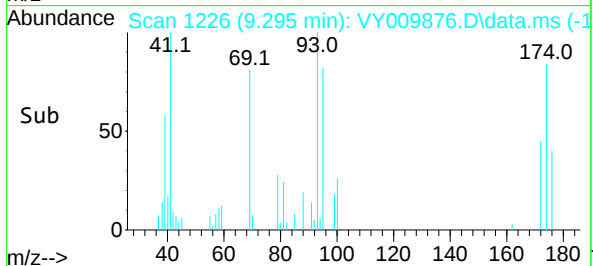
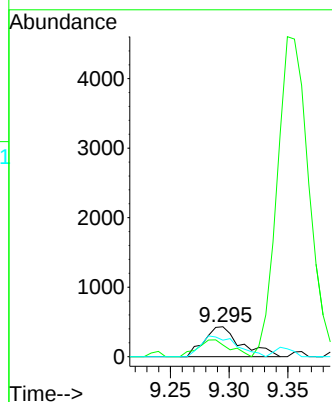
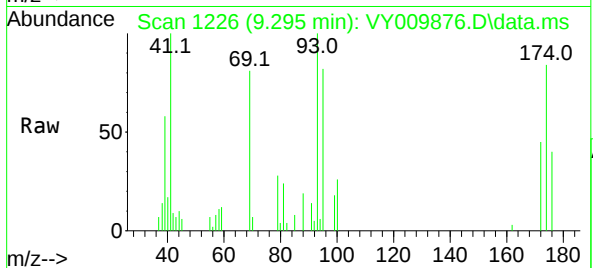
Tgt Ion: 88 Resp: 933

Ion Ratio Lower Upper

88 100

43 49.2 26.3 39.5#

58 67.2 52.6 79.0



#50

Toluene-d8

Concen: 12.620 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009876.D

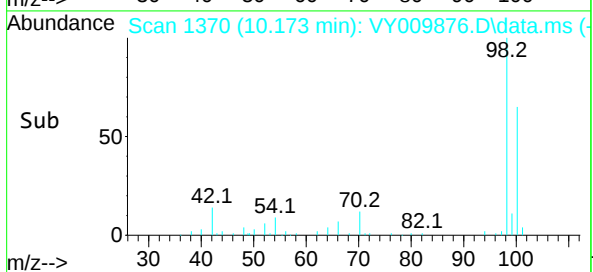
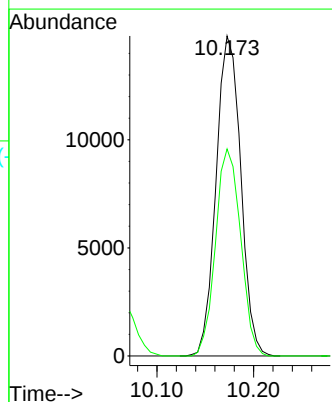
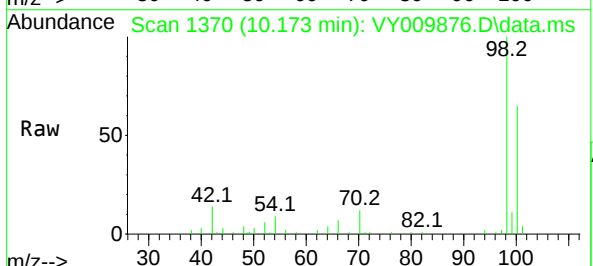
Acq: 08 Aug 2022 15:50

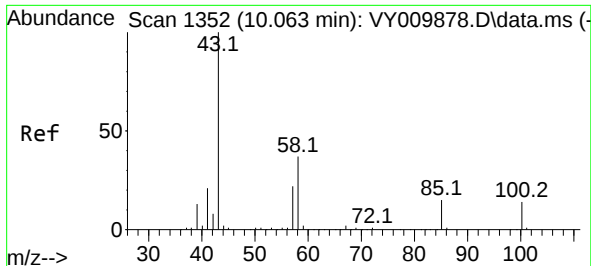
Tgt Ion: 98 Resp: 26165

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3

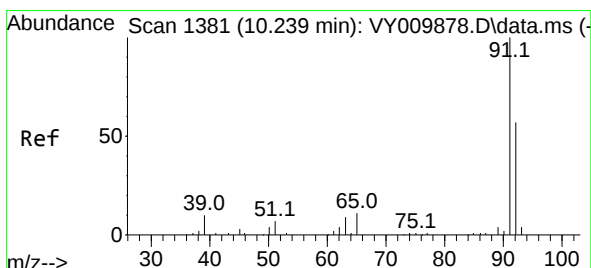
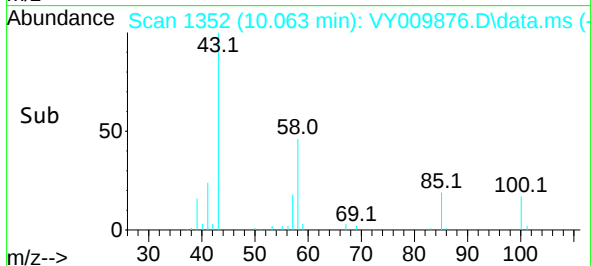
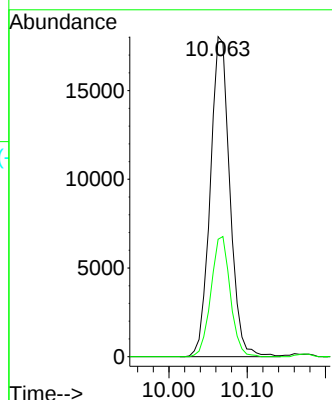
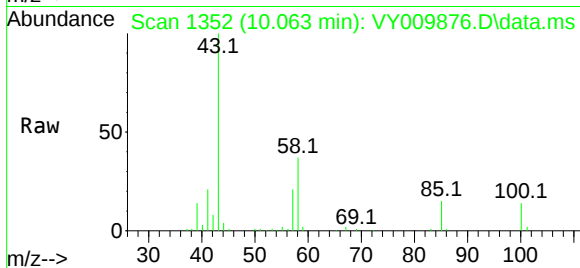




#51
4-Methyl-2-Pentanone
Concen: 57.391 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

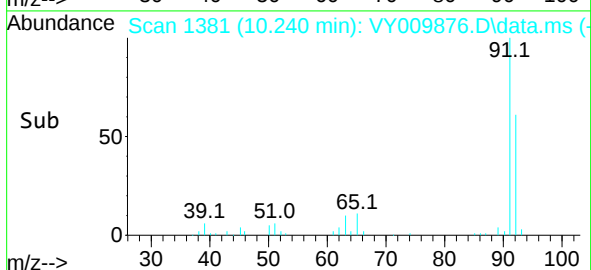
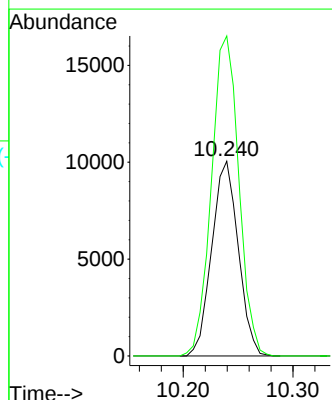
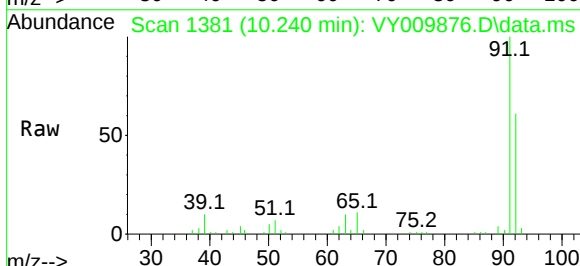
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

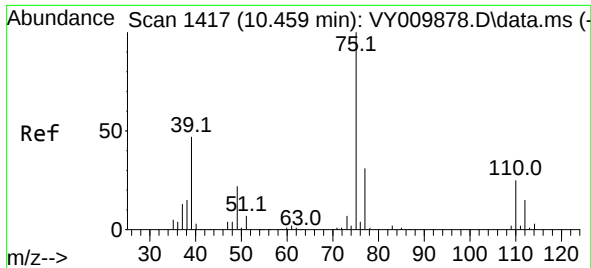
Tgt Ion: 43 Resp: 31377
Ion Ratio Lower Upper
43 100
58 36.9 31.5 47.3



#52
Toluene
Concen: 9.368 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 92 Resp: 16872
Ion Ratio Lower Upper
92 100
91 169.9 138.7 208.1

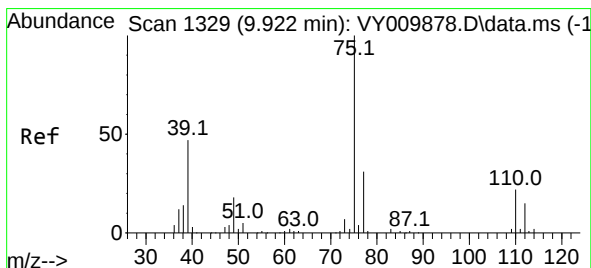
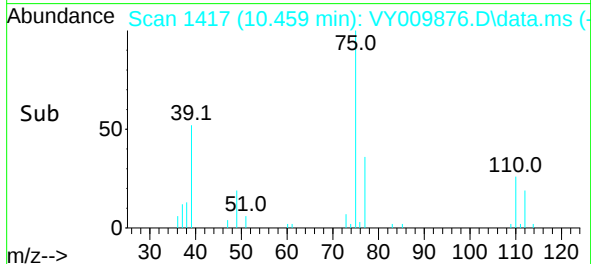
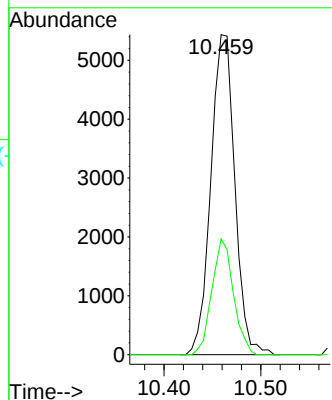
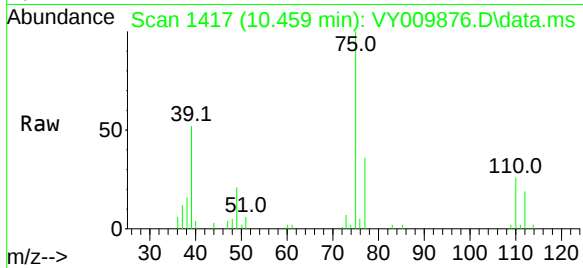




#53
 t-1,3-Dichloropropene
 Concen: 9.231 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009876.D
 Acq: 08 Aug 2022 15:50

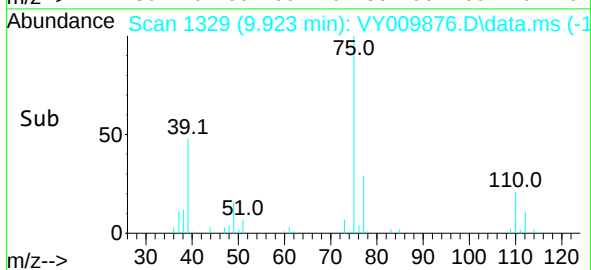
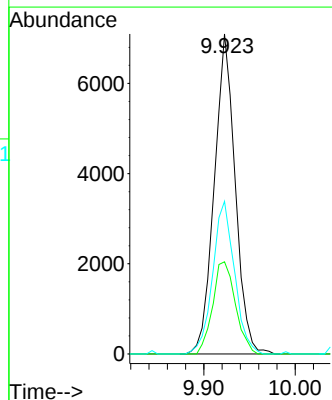
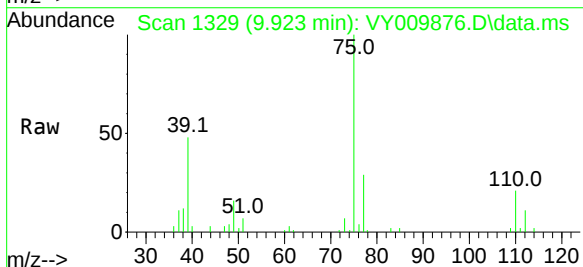
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

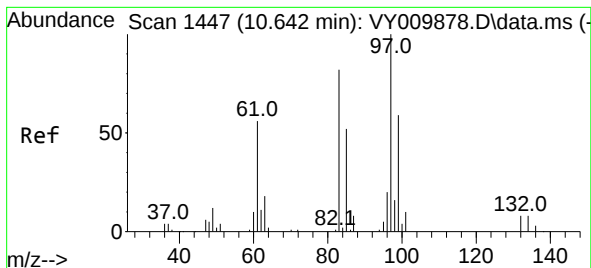
Tgt Ion: 75 Resp: 9381
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 9.721 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009876.D
 Acq: 08 Aug 2022 15:50

Tgt Ion: 75 Resp: 11273
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.2 37.8
 39 47.7 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 10.443 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 5994

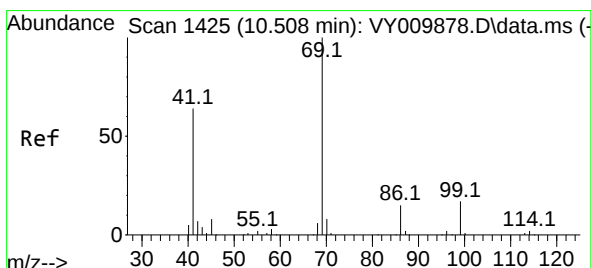
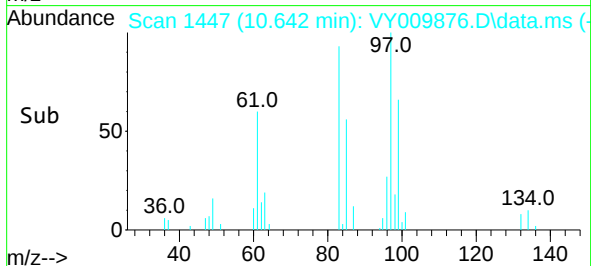
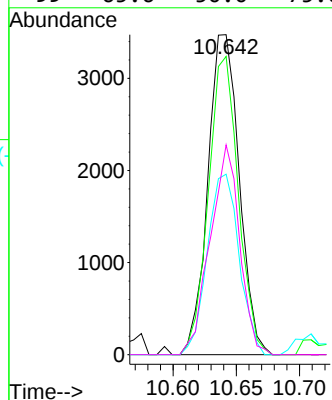
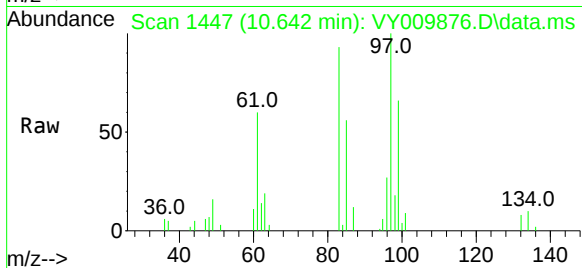
Ion Ratio Lower Upper

97 100

83 93.2 66.9 100.3

85 56.4 44.2 66.4

99 65.6 50.0 75.0



#56

Ethyl methacrylate

Concen: 9.075 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

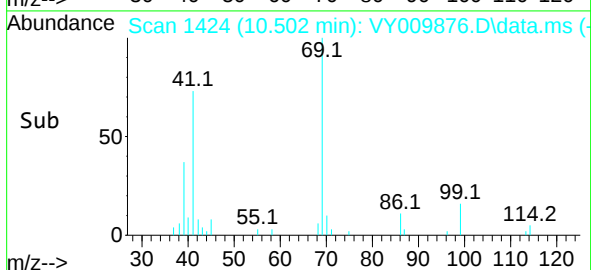
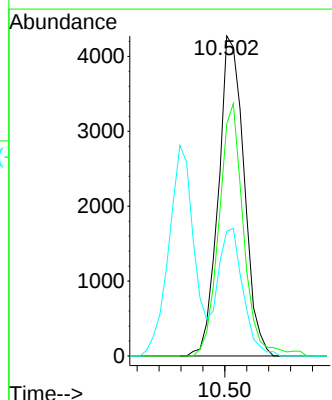
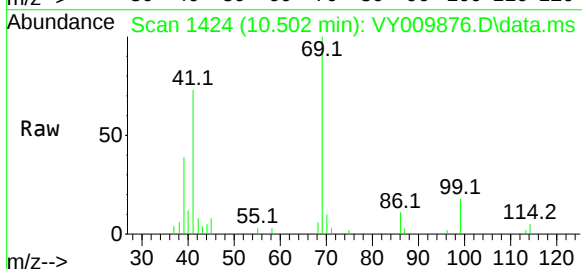
Tgt Ion: 69 Resp: 6935

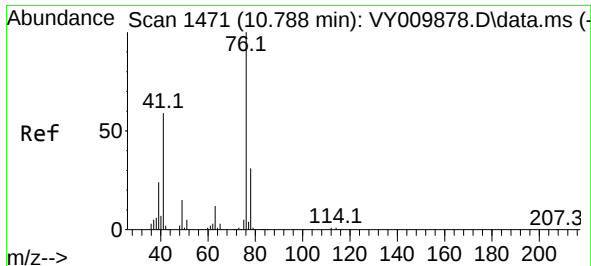
Ion Ratio Lower Upper

69 100

41 75.8 50.4 75.6#

39 39.1 27.6 41.4





#57

1,3-Dichloropropane

Concen: 10.884 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

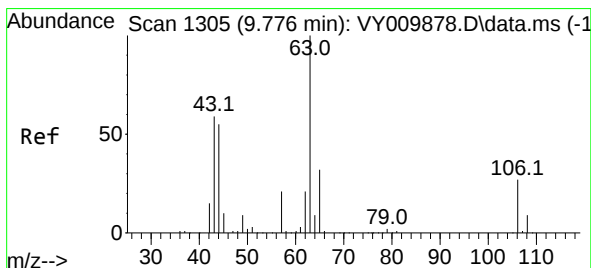
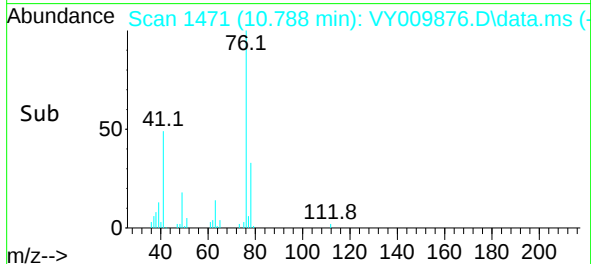
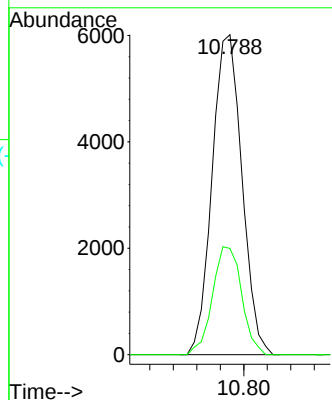
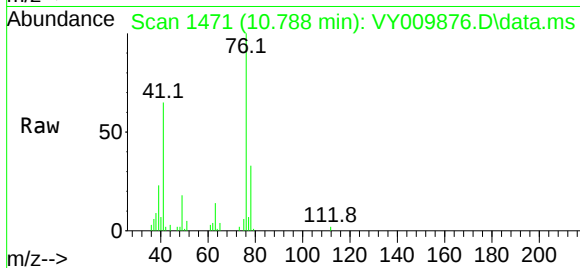
VSTDIC010

Tgt Ion: 76 Resp: 10602

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 53.185 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009876.D

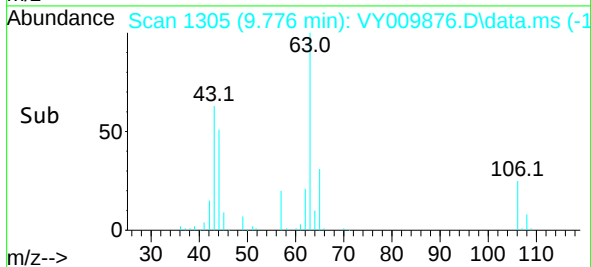
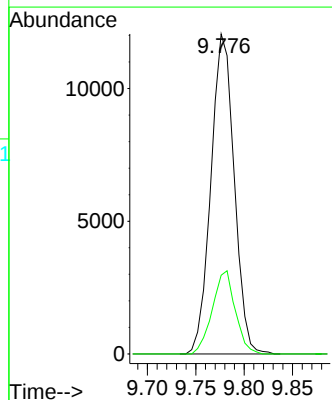
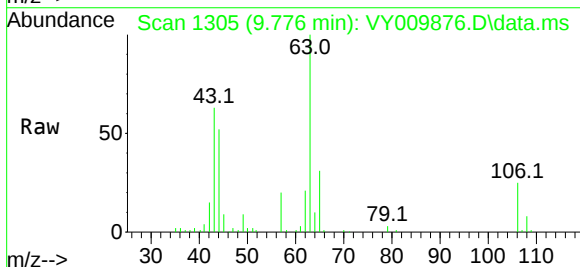
Acq: 08 Aug 2022 15:50

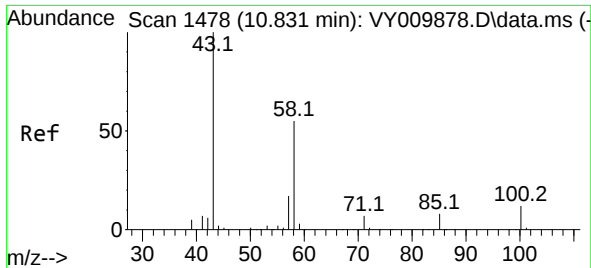
Tgt Ion: 63 Resp: 20183

Ion Ratio Lower Upper

63 100

106 25.5 23.3 34.9

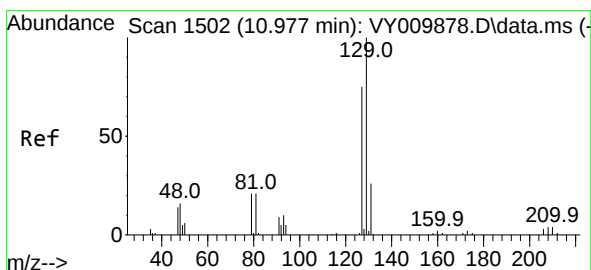
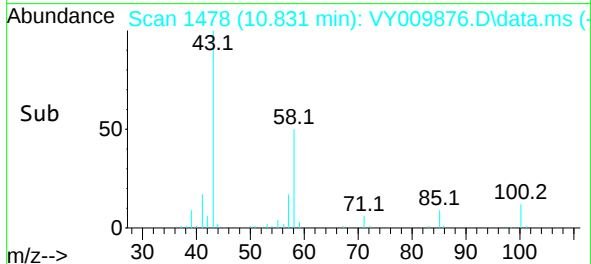
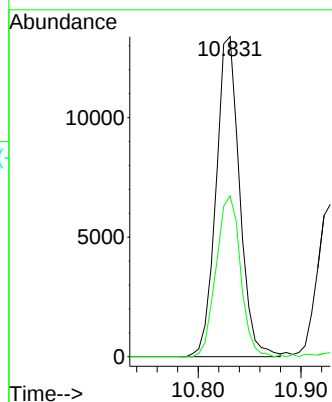
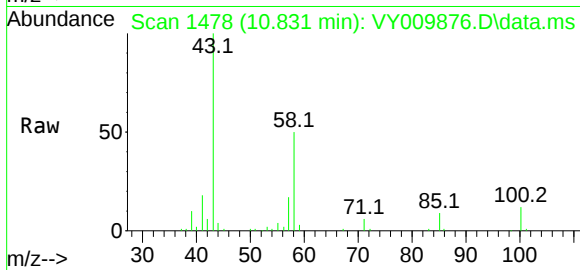




#59
2-Hexanone
Concen: 55.823 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

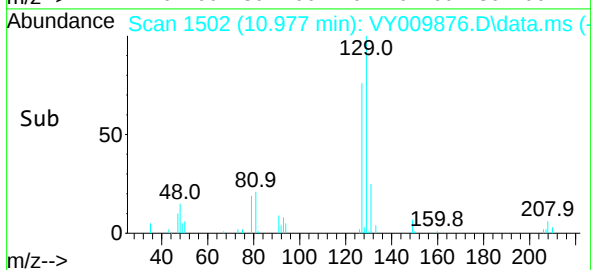
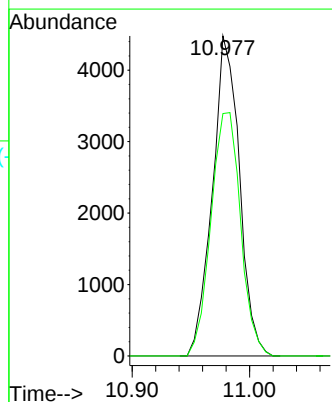
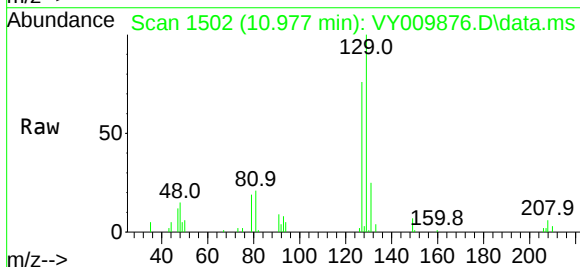
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

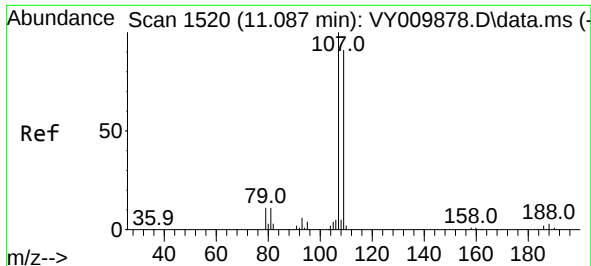
Tgt Ion: 43 Resp: 21277
Ion Ratio Lower Upper
43 100
58 51.9 27.6 82.8



#60
Dibromochloromethane
Concen: 10.413 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 129 Resp: 7150
Ion Ratio Lower Upper
129 100
127 83.4 38.8 116.4

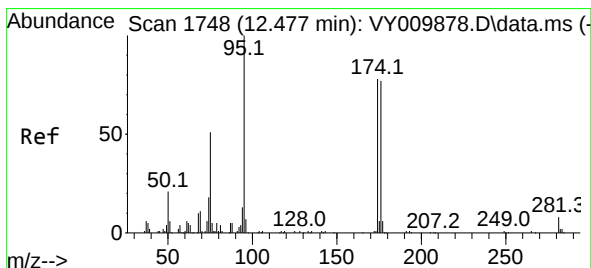
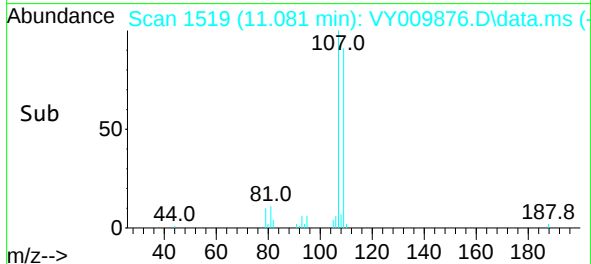
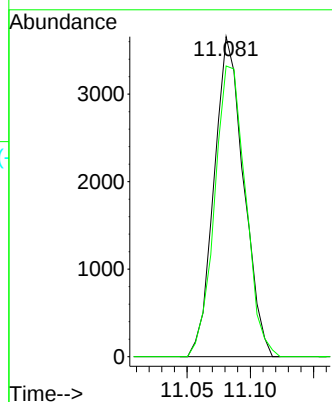
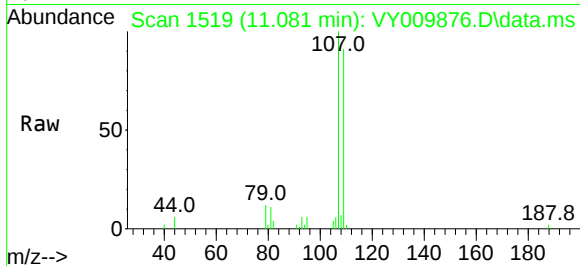




#61
1,2-Dibromoethane
Concen: 10.641 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

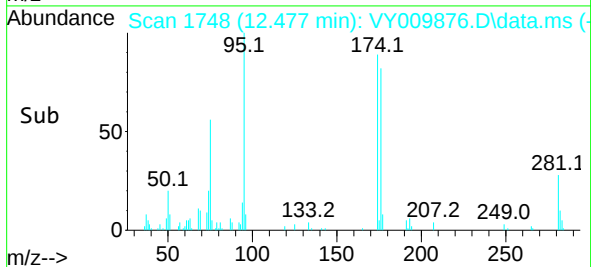
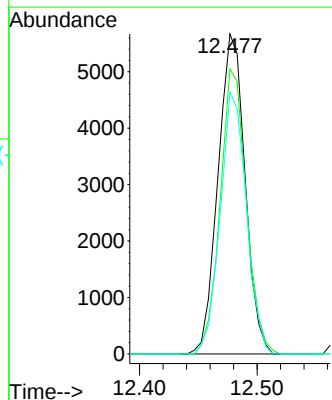
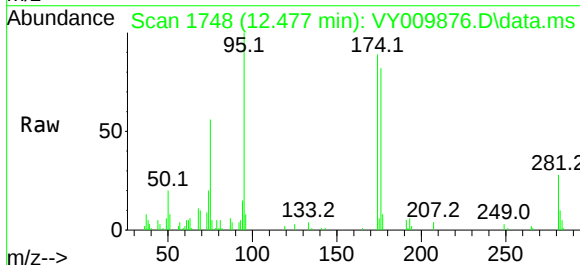
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

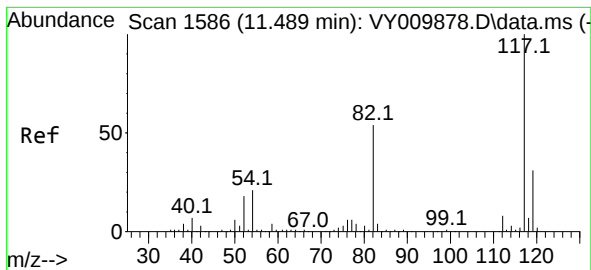
Tgt Ion:107 Resp: 5947
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 10.801 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 95 Resp: 9029
Ion Ratio Lower Upper
95 100
174 86.4 0.0 173.8
176 79.3 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

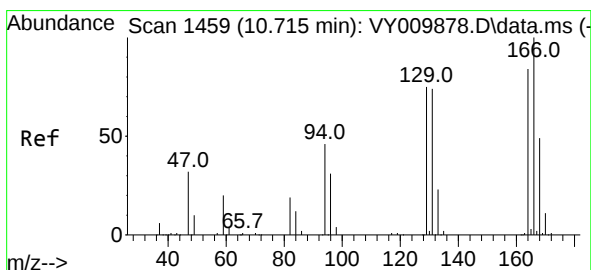
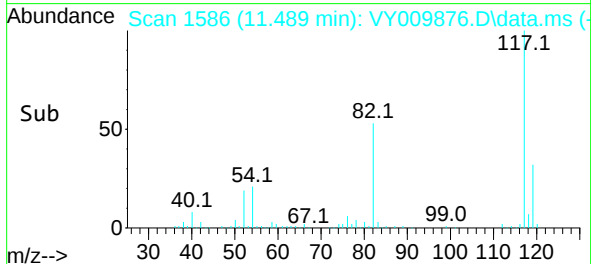
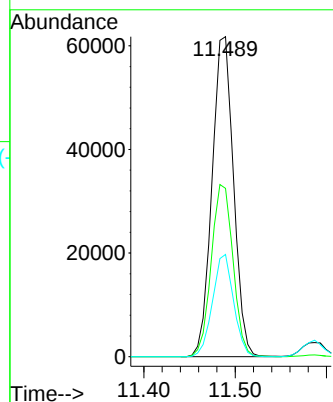
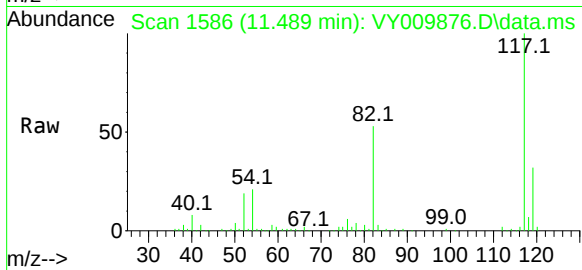
Tgt Ion:117 Resp: 100776

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 8.140 ug/l

RT: 10.709 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Tgt Ion:164 Resp: 6974

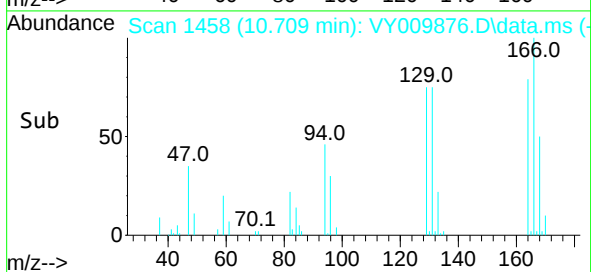
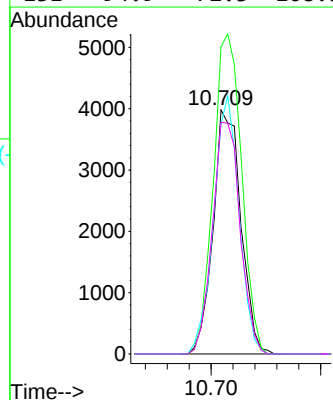
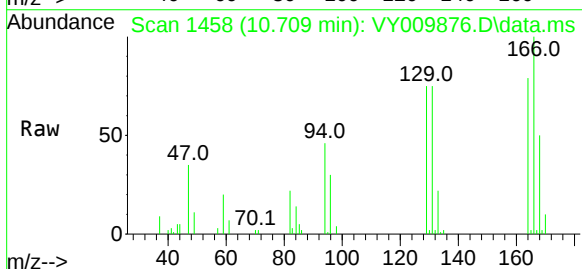
Ion Ratio Lower Upper

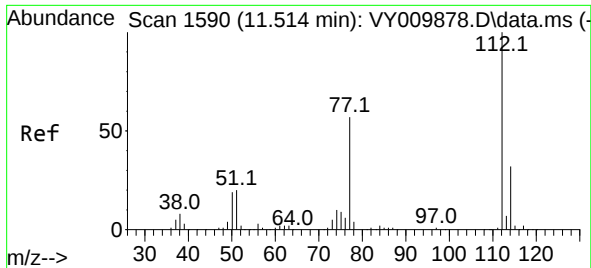
164 100

166 126.0 104.9 157.3

129 94.3 76.5 114.7

131 94.9 72.3 108.5

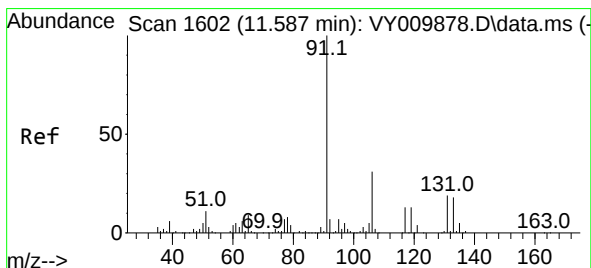
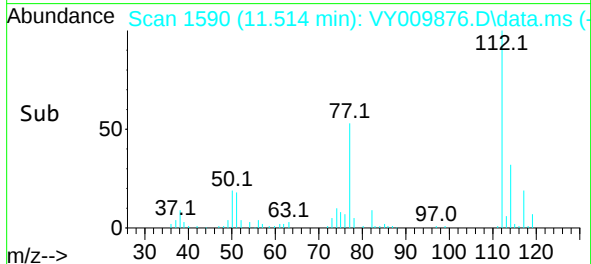
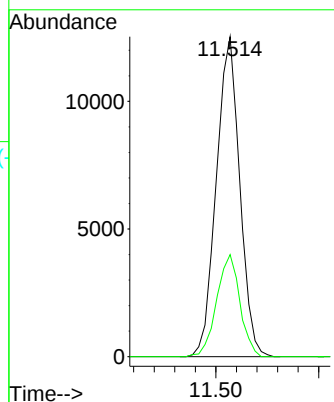
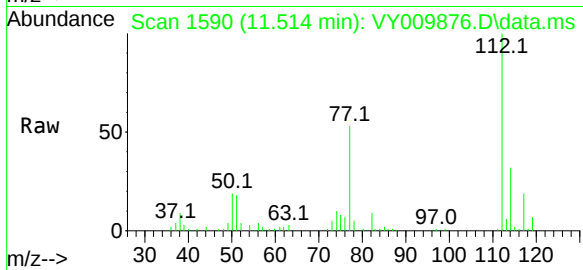




#65
Chlorobenzene
Concen: 9.846 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

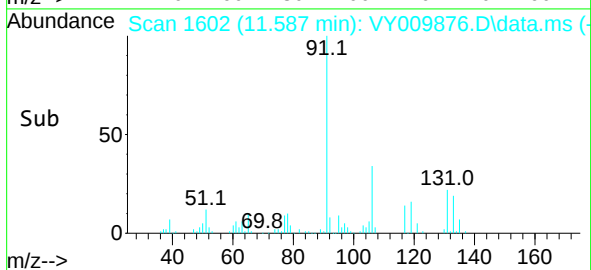
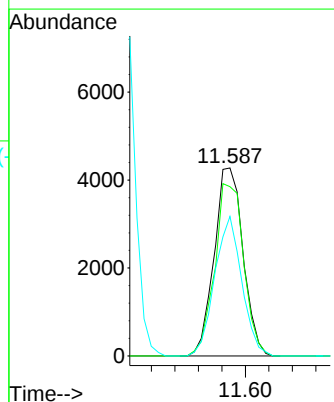
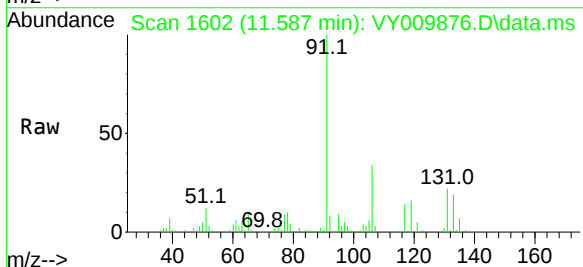
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

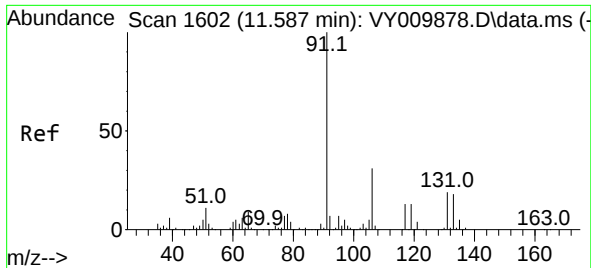
Tgt Ion:112 Resp: 19786
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.145 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion:131 Resp: 7300
Ion Ratio Lower Upper
131 100
133 92.0 47.3 142.0
119 69.6 32.1 96.3

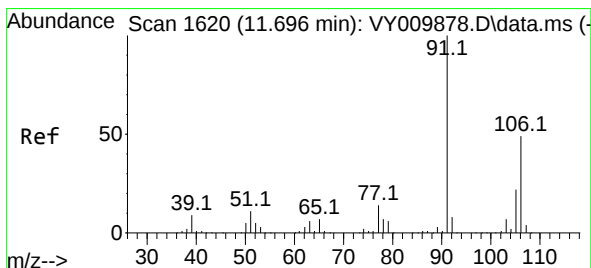
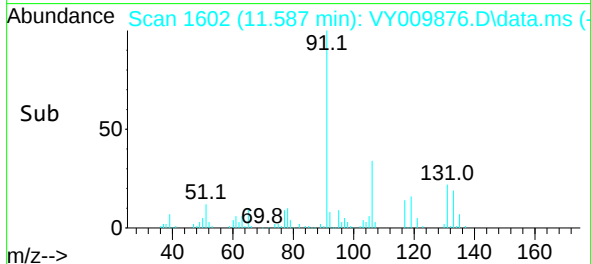
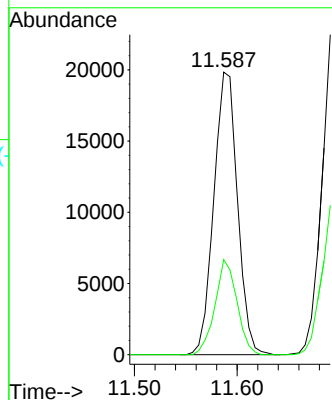
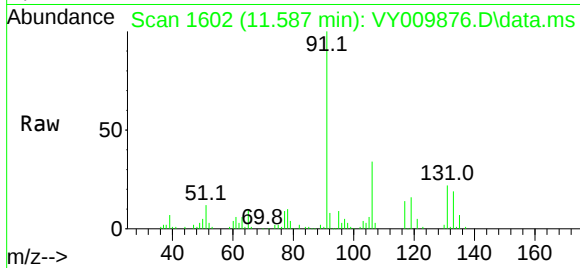




#67
Ethyl Benzene
Concen: 8.874 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

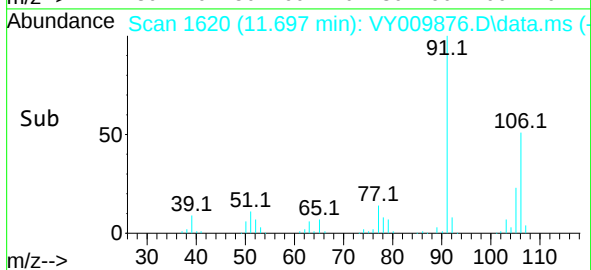
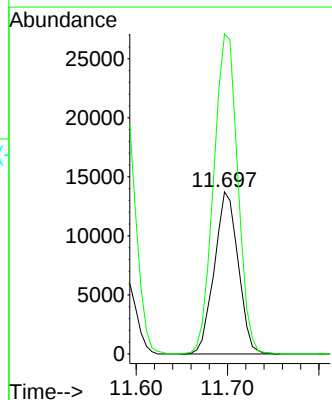
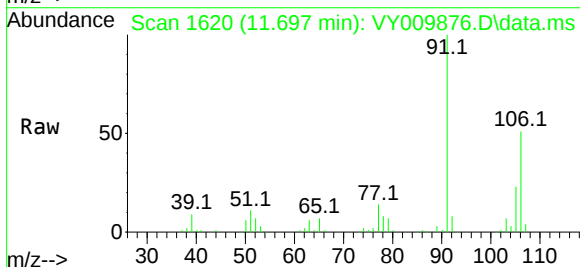
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

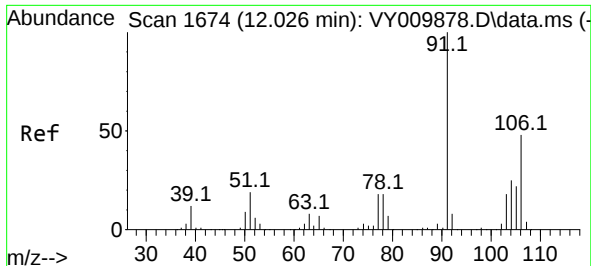
Tgt Ion: 91 Resp: 31745
Ion Ratio Lower Upper
91 100
106 33.6 26.2 39.4



#68
m/p-Xylenes
Concen: 17.818 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 106 Resp: 24874
Ion Ratio Lower Upper
106 100
91 199.8 156.2 234.2





#69

o-Xylene

Concen: 9.027 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

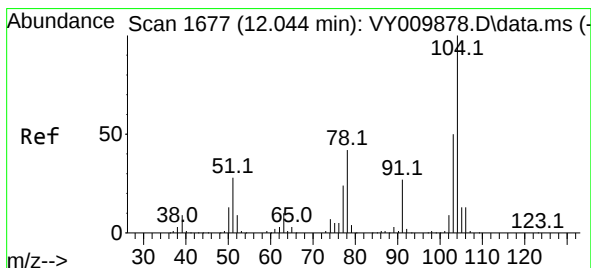
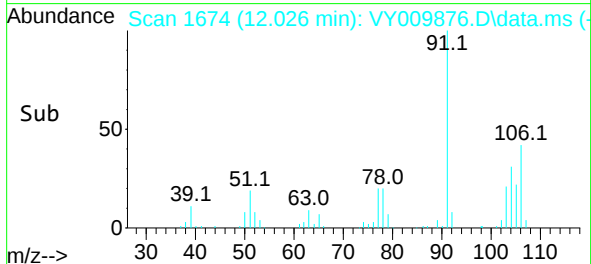
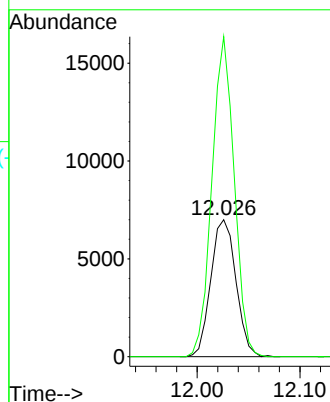
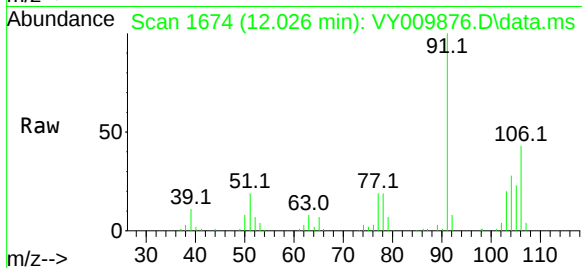
VSTDICC010

Tgt Ion:106 Resp: 11867

Ion Ratio Lower Upper

106 100

91 207.6 103.2 309.4



#70

Styrene

Concen: 9.178 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

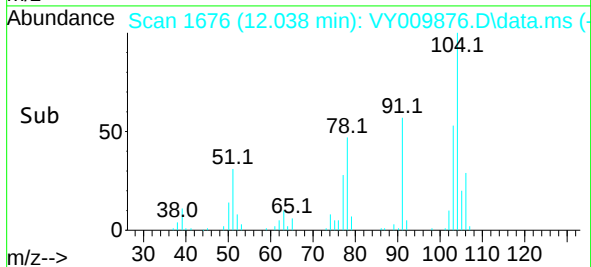
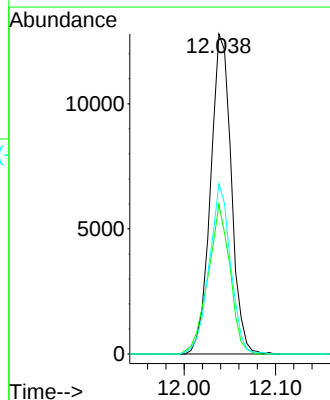
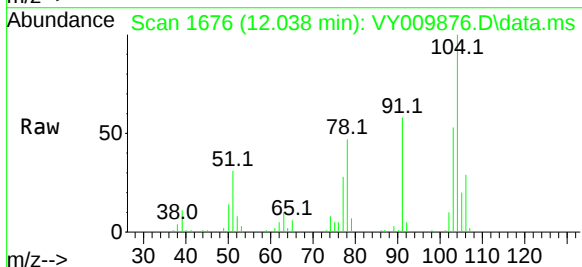
Tgt Ion:104 Resp: 20078

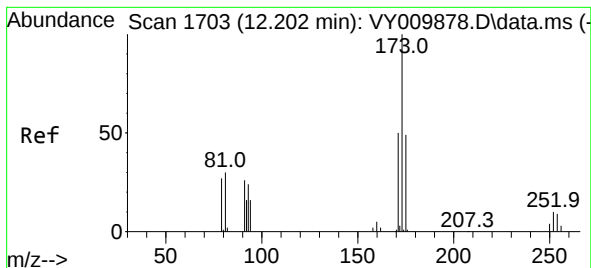
Ion Ratio Lower Upper

104 100

78 49.5 38.6 57.8

103 55.0 43.3 64.9





#71

Bromoform

Concen: 9.993 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

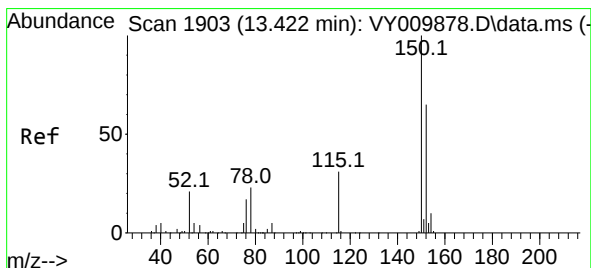
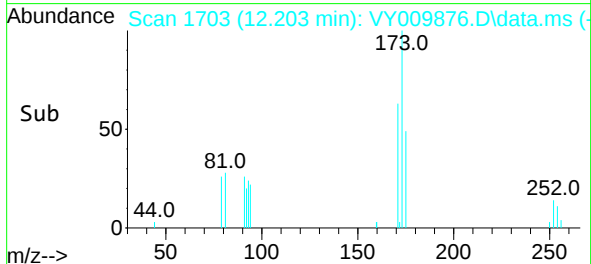
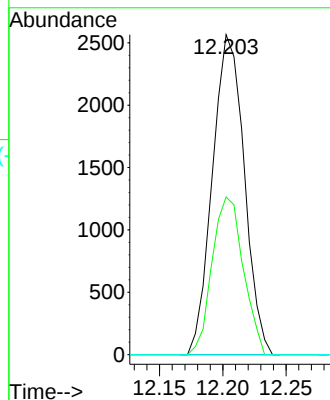
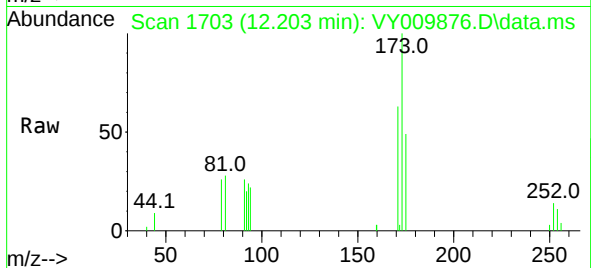
Tgt Ion:173 Resp: 4482

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

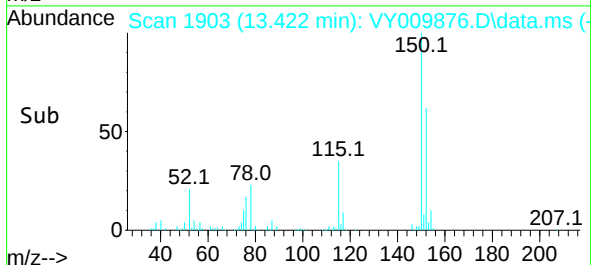
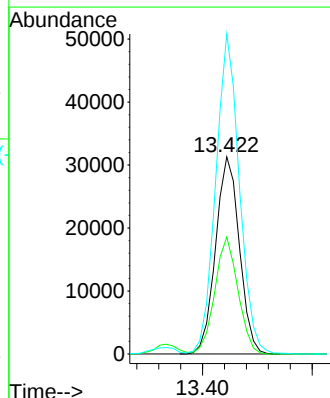
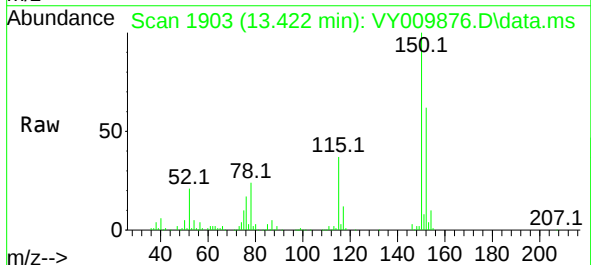
Tgt Ion:152 Resp: 47053

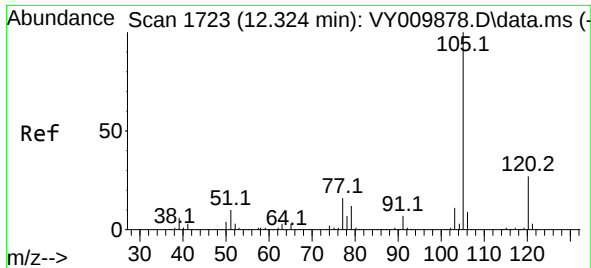
Ion Ratio Lower Upper

152 100

115 58.0 28.6 85.9

150 161.7 0.0 349.8

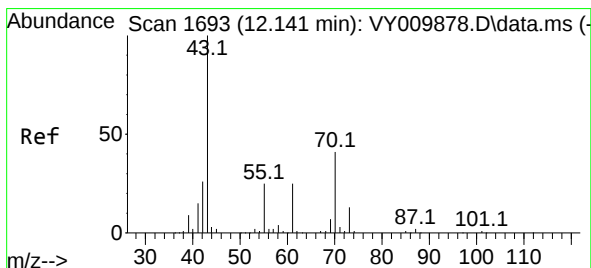
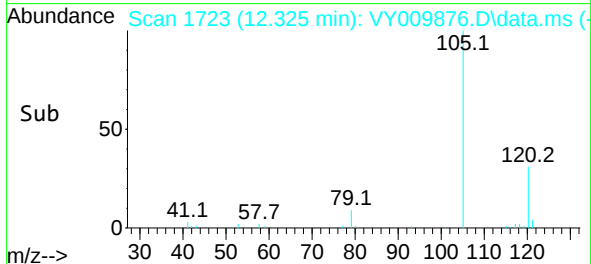
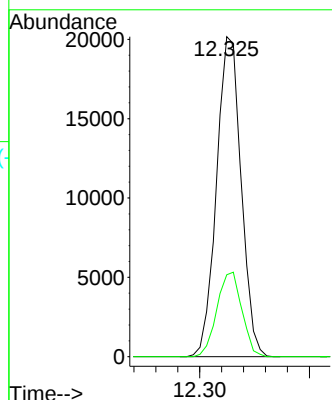
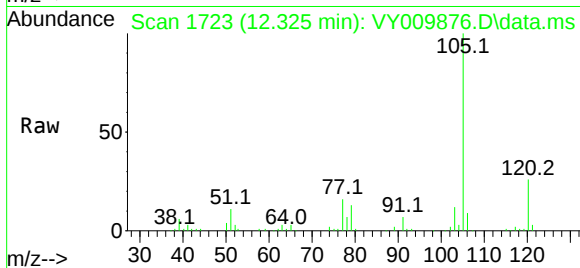




#73
Isopropylbenzene
Concen: 9.667 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

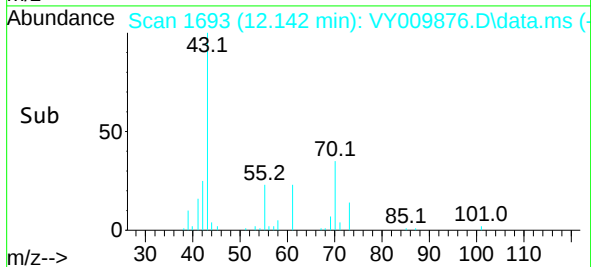
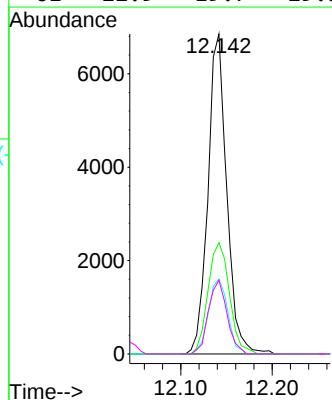
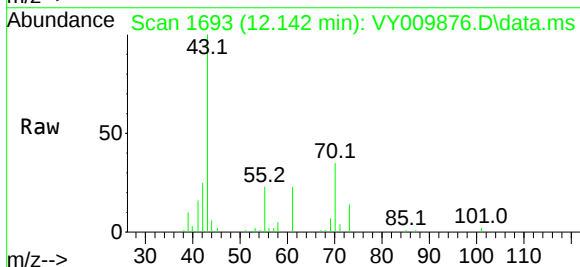
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

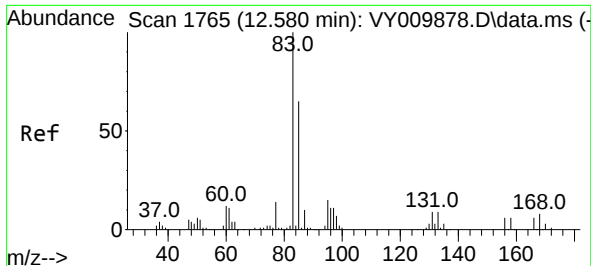
Tgt Ion:105 Resp: 31444
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.1



#74
N-ethyl acetate
Concen: 10.759 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 43 Resp: 9758
Ion Ratio Lower Upper
43 100
70 39.5 35.6 53.4
55 24.0 19.5 29.3
61 22.9 19.7 29.5

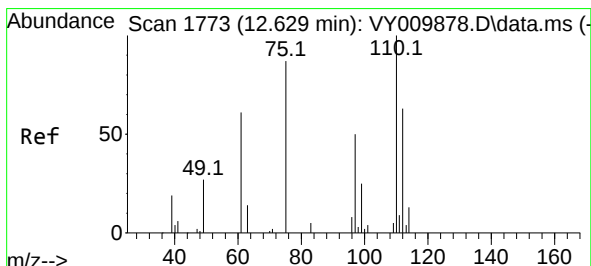
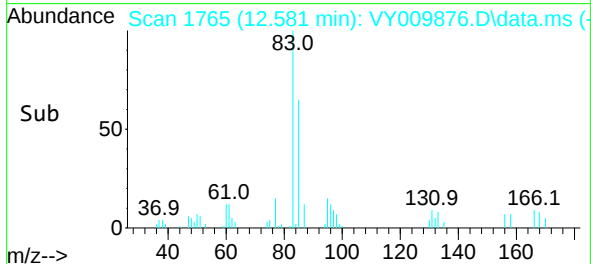
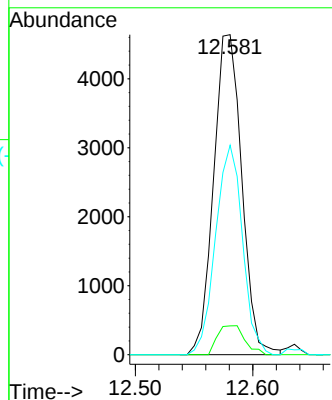
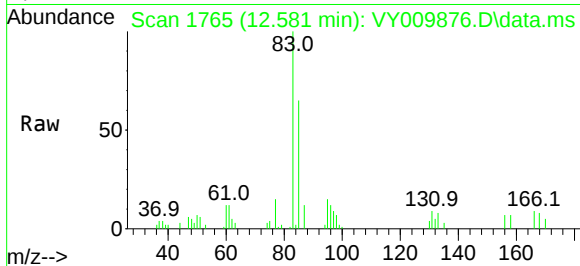




#75
1,1,2,2-Tetrachloroethane
Concen: 12.320 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

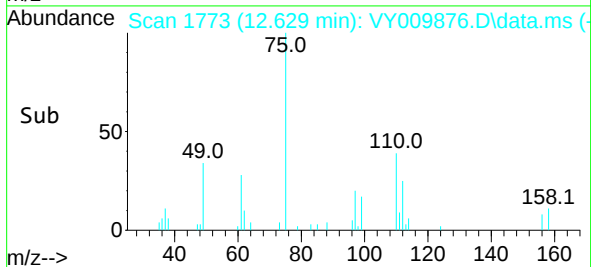
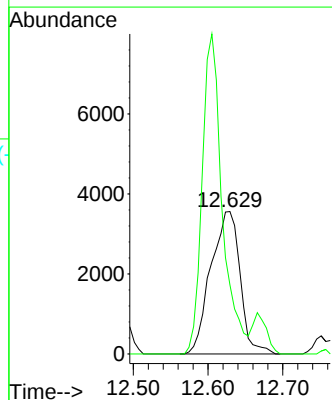
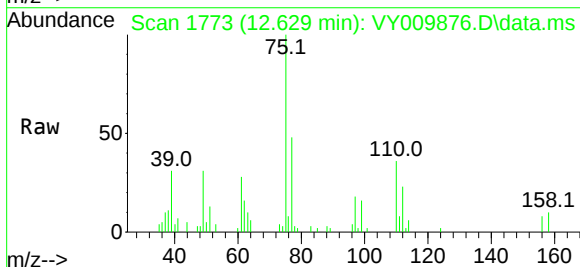
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

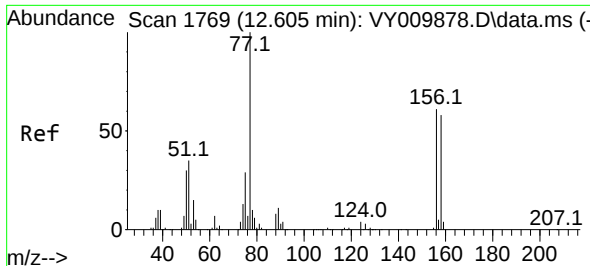
Tgt Ion: 83 Resp: 7737
Ion Ratio Lower Upper
83 100
131 8.8 5.4 16.2
85 62.5 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 20.614 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 75 Resp: 9693
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

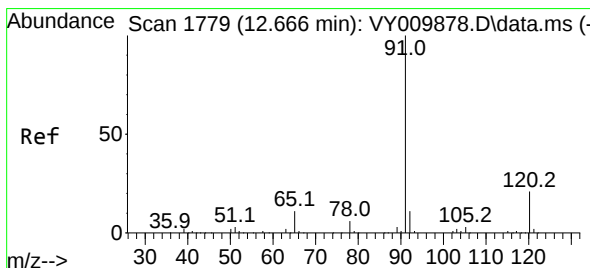
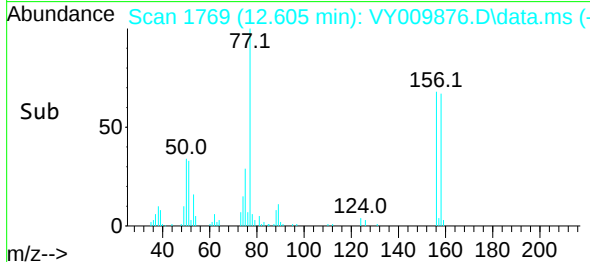
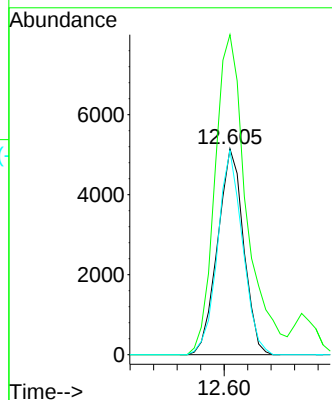
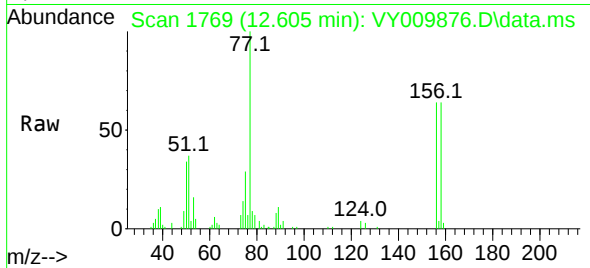




#77
Bromobenzene
Concen: 9.962 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

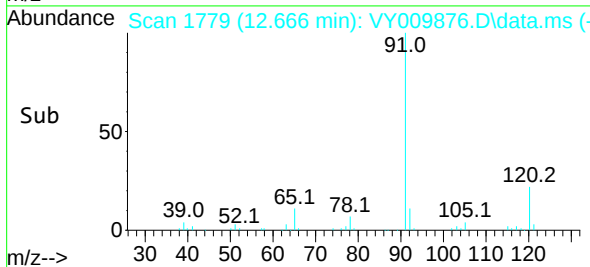
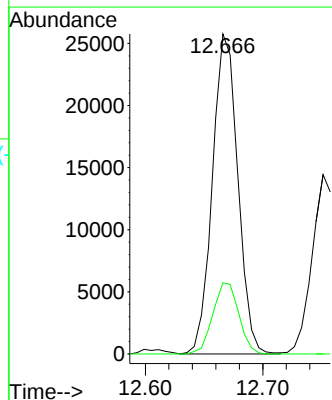
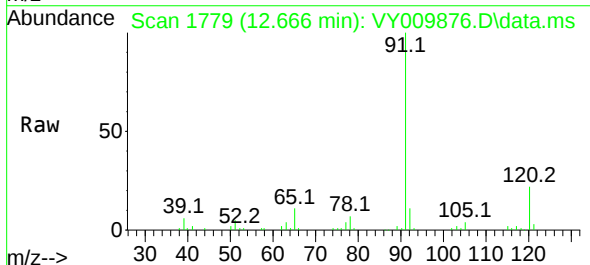
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

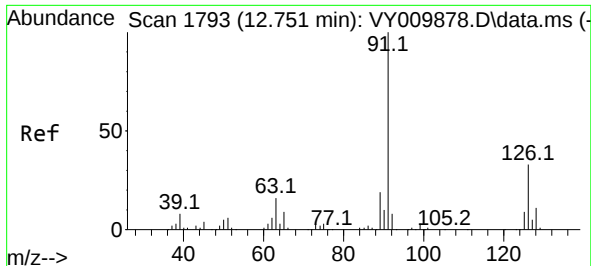
Tgt Ion:156 Resp: 7893
Ion Ratio Lower Upper
156 100
77 189.7 88.1 264.3
158 95.9 48.6 145.8



#78
n-propylbenzene
Concen: 9.556 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 91 Resp: 38737
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5

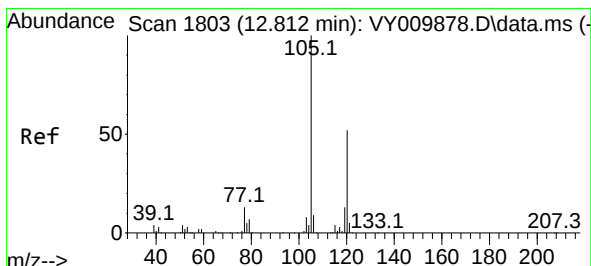
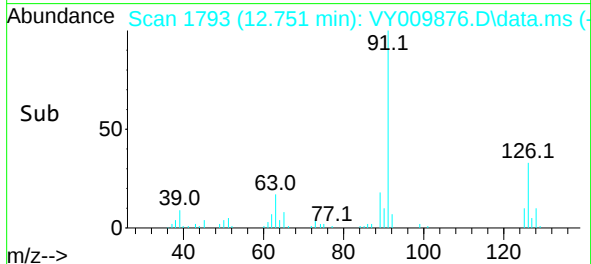
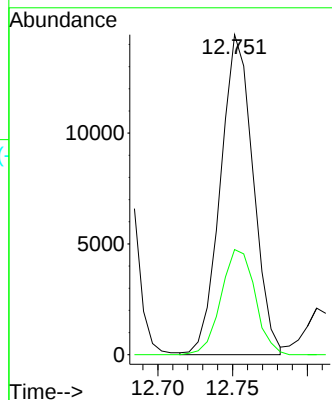
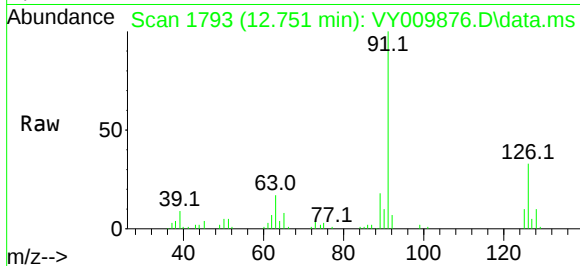




#79
2-Chlorotoluene
Concen: 9.802 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

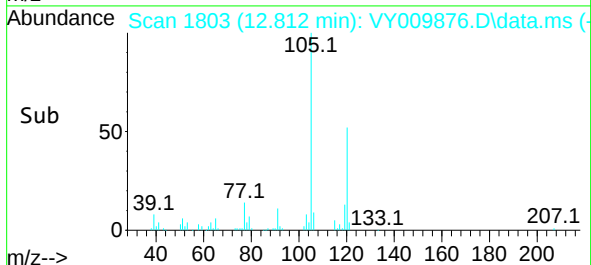
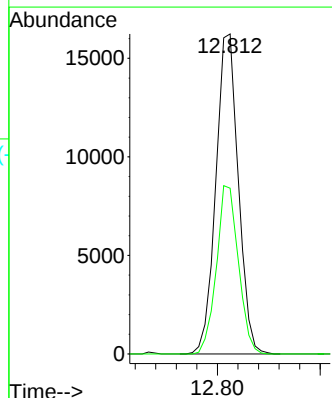
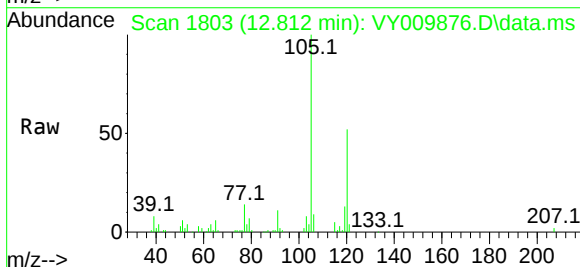
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

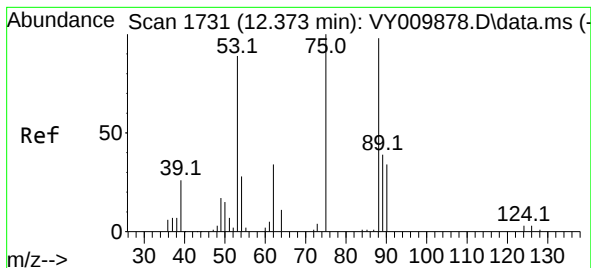
Tgt Ion: 91 Resp: 21975
Ion Ratio Lower Upper
91 100
126 34.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 8.940 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 105 Resp: 24600
Ion Ratio Lower Upper
105 100
120 51.4 25.3 75.8

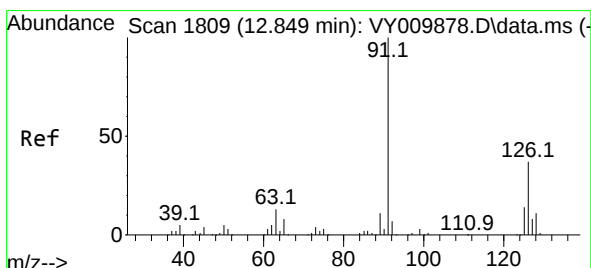
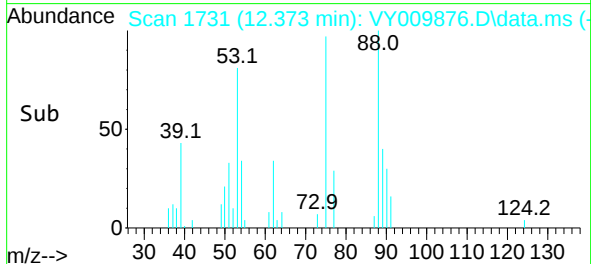
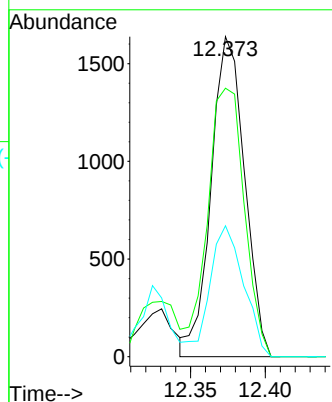
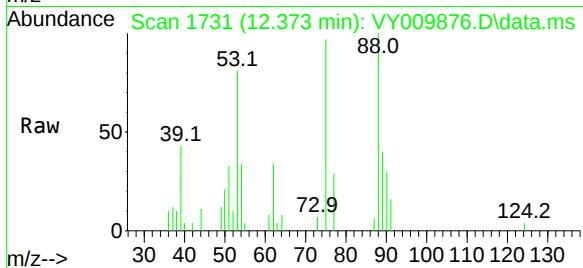




#81
trans-1,4-Dichloro-2-butene
Concen: 10.748 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

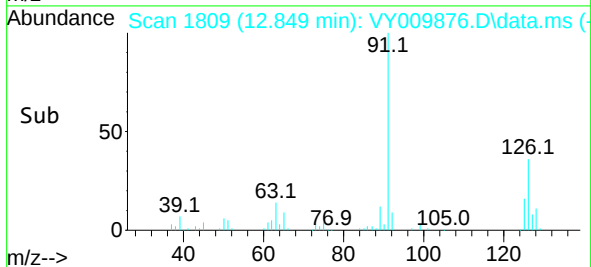
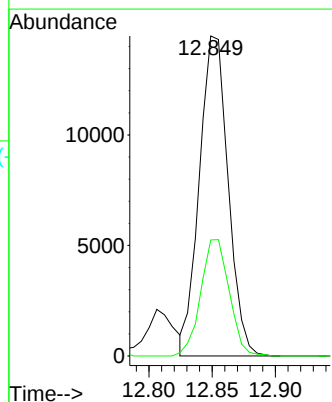
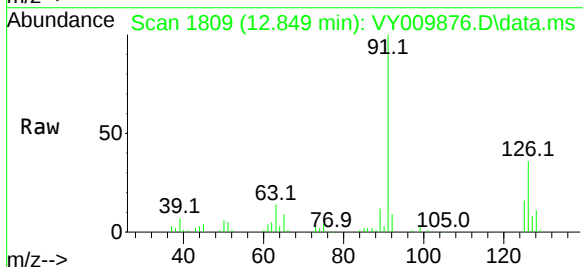
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

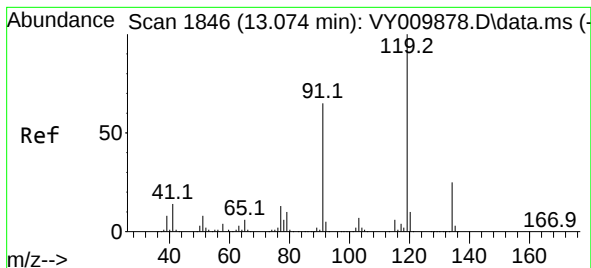
Tgt Ion: 75 Resp: 2545
Ion Ratio Lower Upper
75 100
53 92.7 71.4 107.2
89 41.9 38.1 57.1



#82
4-Chlorotoluene
Concen: 9.779 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 91 Resp: 22918
Ion Ratio Lower Upper
91 100
126 36.1 18.0 54.0





#83

tert-Butylbenzene

Concen: 8.917 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

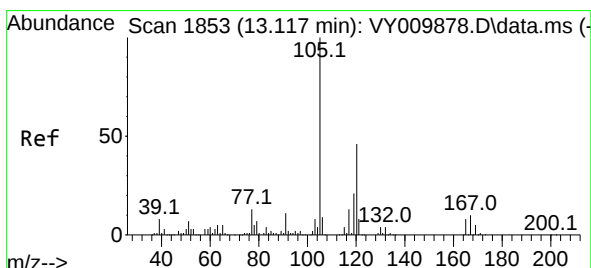
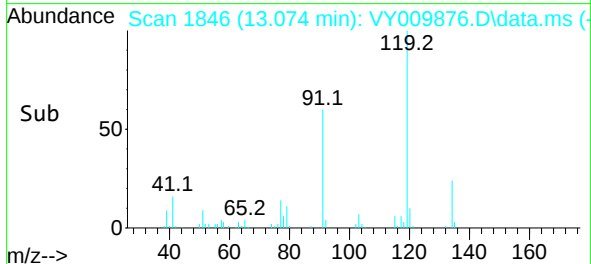
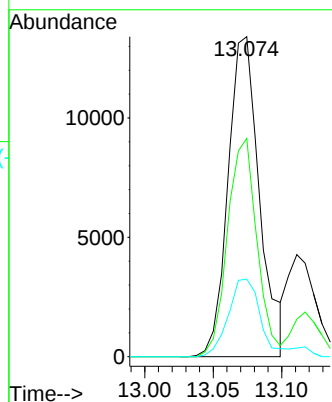
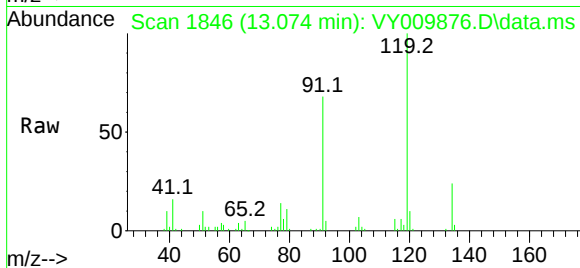
Tgt Ion:119 Resp: 21449

Ion Ratio Lower Upper

119 100

91 63.8 32.0 96.0

134 24.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 9.137 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009876.D

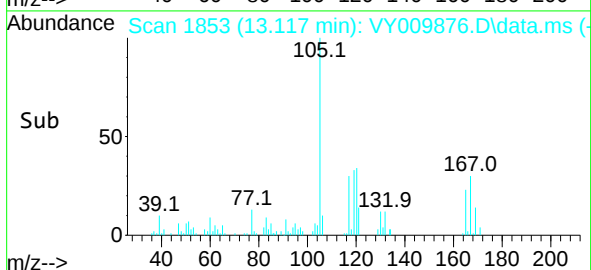
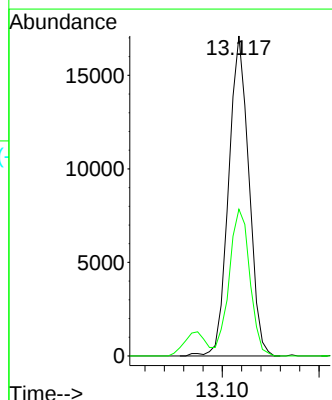
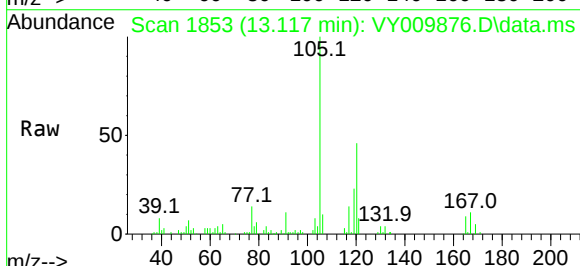
Acq: 08 Aug 2022 15:50

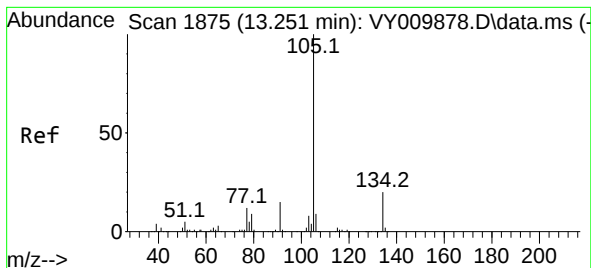
Tgt Ion:105 Resp: 24801

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 9.421 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

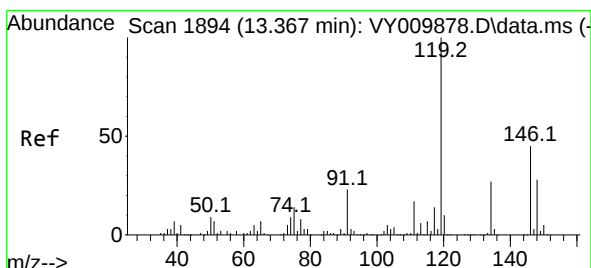
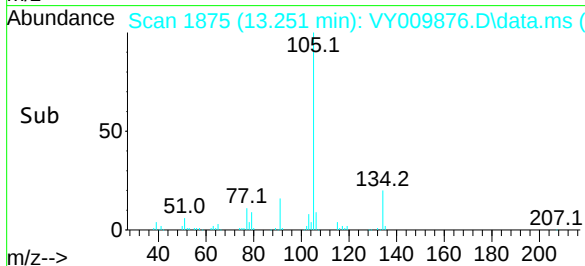
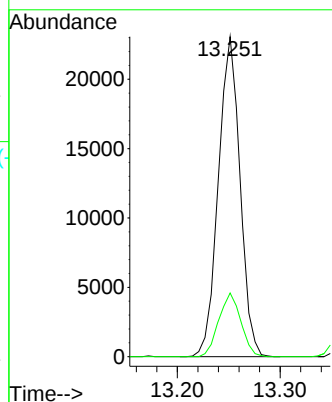
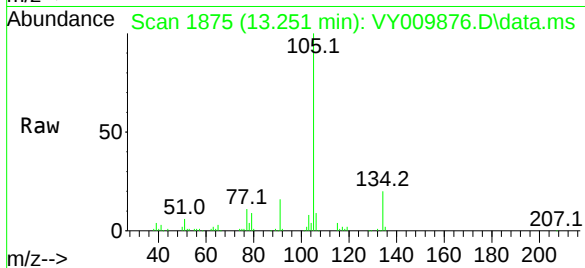
VSTDIC010

Tgt Ion:105 Resp: 33730

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.6



#86

p-Isopropyltoluene

Concen: 9.022 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

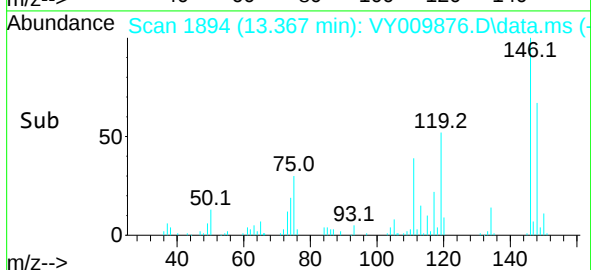
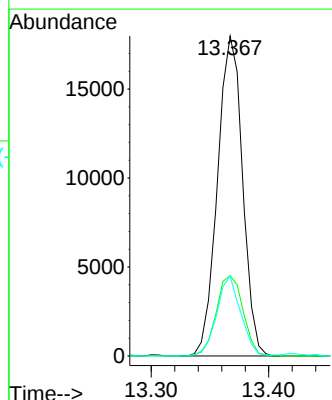
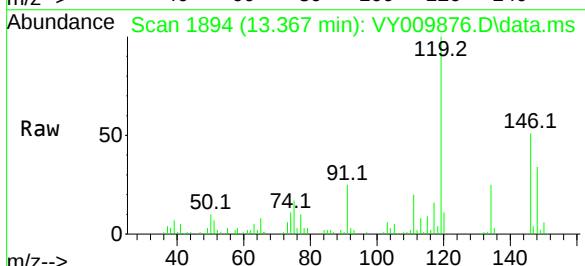
Tgt Ion:119 Resp: 26643

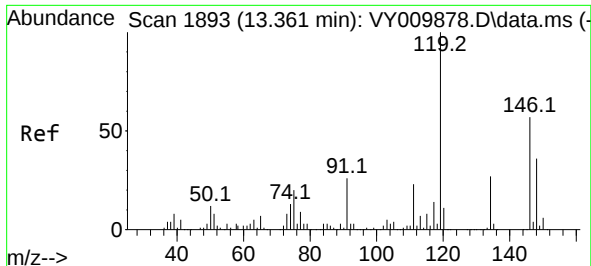
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 24.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 10.019 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

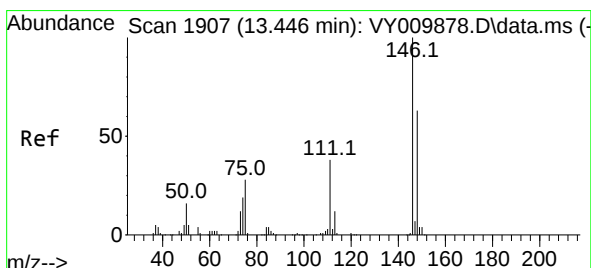
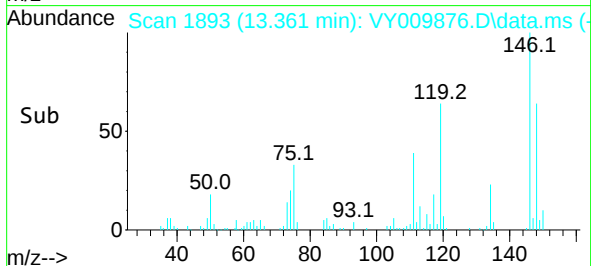
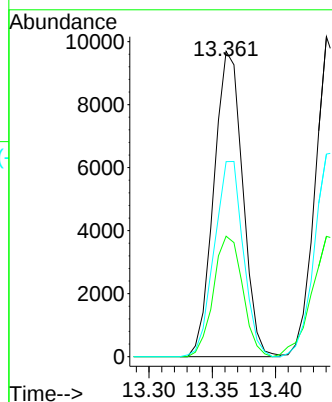
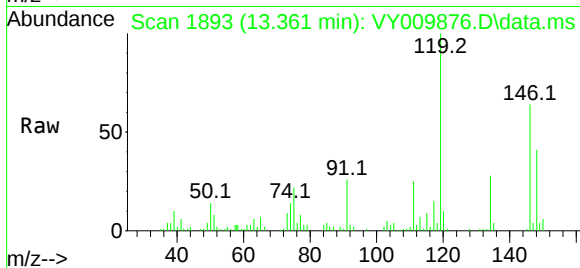
Tgt Ion:146 Resp: 15351

Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.3

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 10.096 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

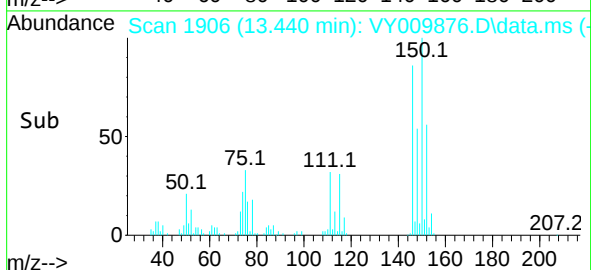
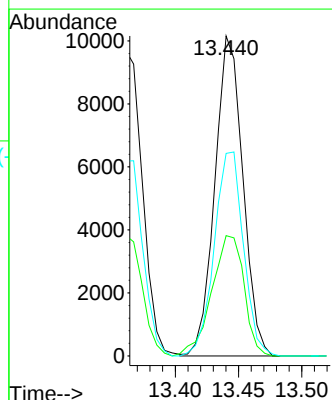
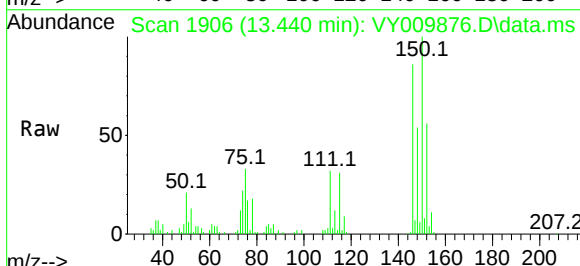
Tgt Ion:146 Resp: 15621

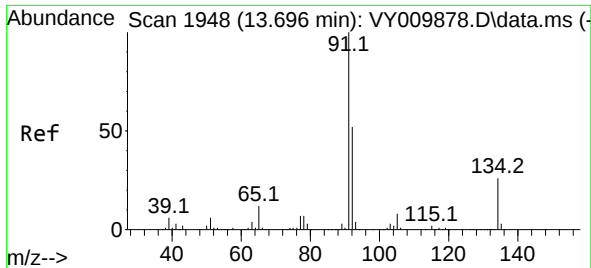
Ion Ratio Lower Upper

146 100

111 43.3 18.9 56.9

148 66.5 31.6 95.0

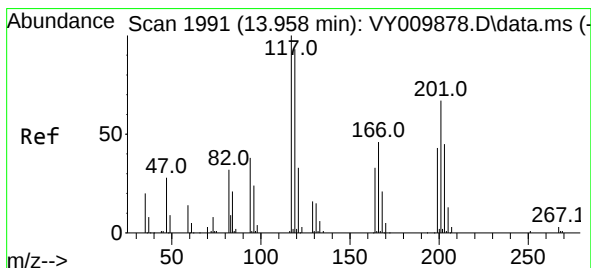
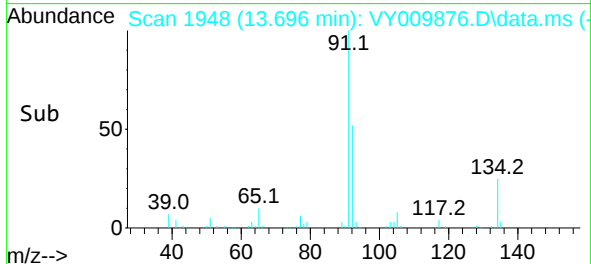
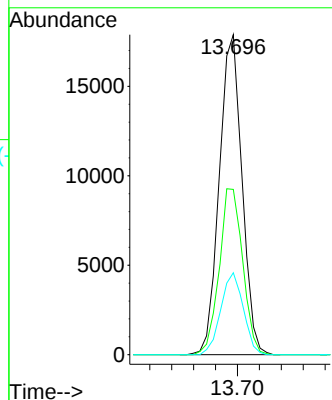
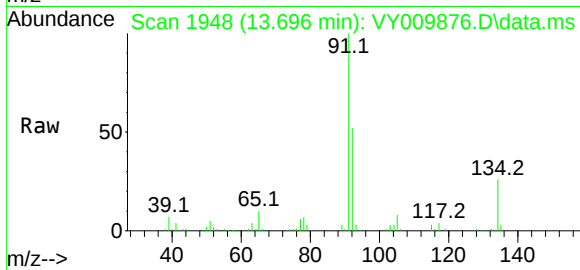




#89
n-Butylbenzene
Concen: 9.231 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

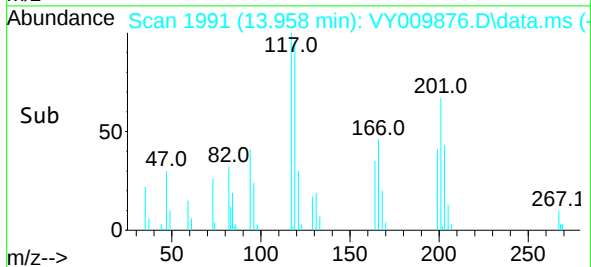
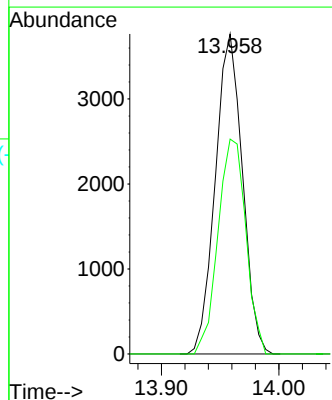
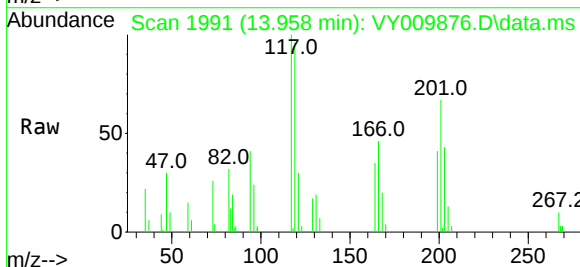
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

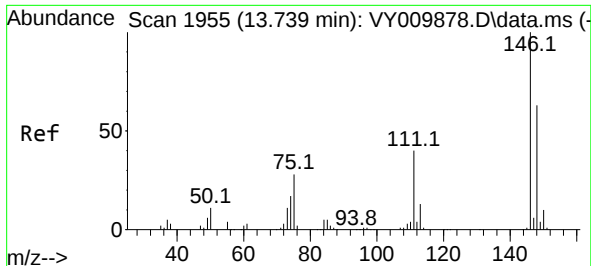
Tgt Ion:	91	Resp:	25730
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	25.4	14.0	41.9



#90
Hexachloroethane
Concen: 10.748 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion:	117	Resp:	6038
Ion	Ratio	Lower	Upper
117	100		
201	69.0	38.8	116.3

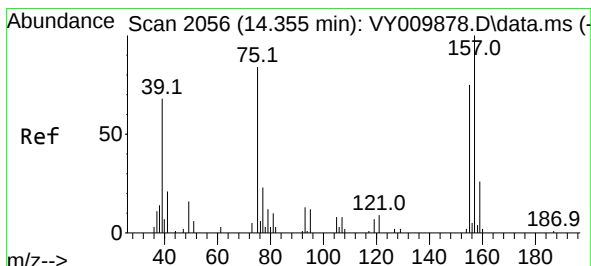
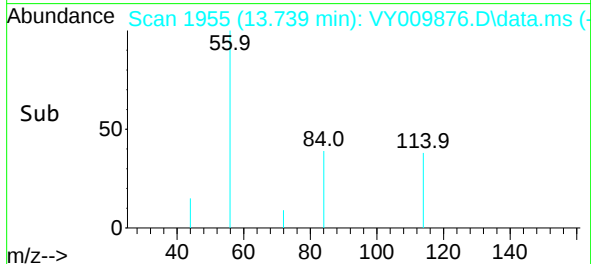
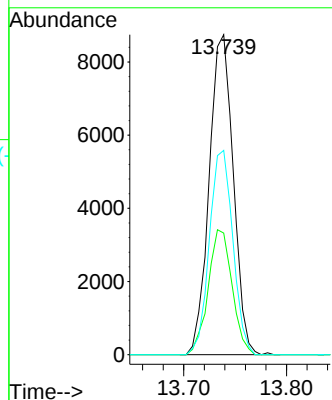
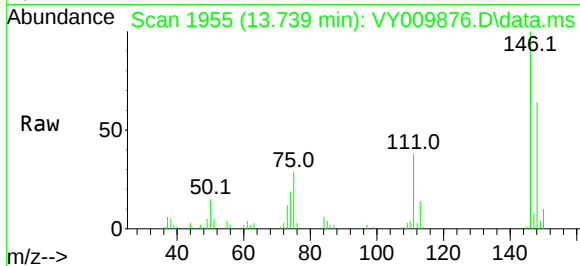




#91
1,2-Dichlorobenzene
Concen: 10.332 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

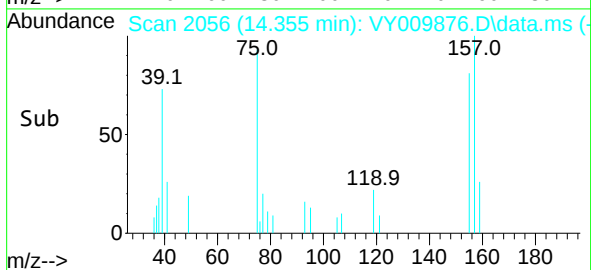
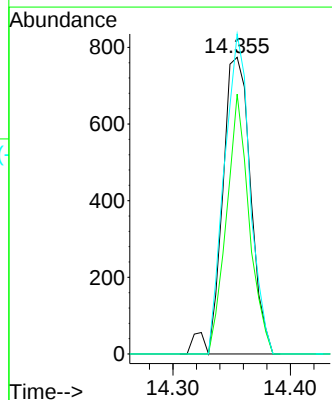
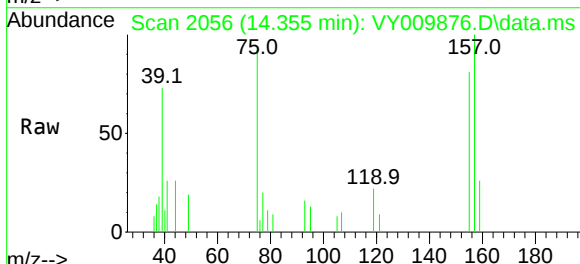
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

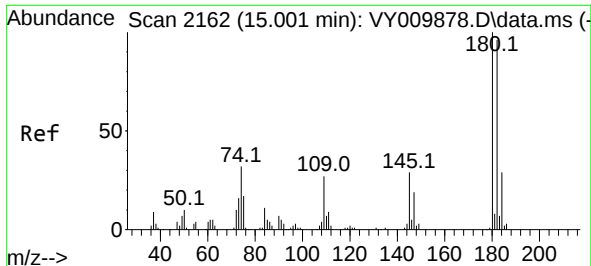
Tgt Ion:146	Resp:	14258
Ion	Ratio	Lower Upper
146	100	
111	38.8	19.7 59.1
148	62.3	32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.049 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009876.D
Acq: 08 Aug 2022 15:50

Tgt Ion: 75	Resp:	1291
Ion	Ratio	Lower Upper
75	100	
155	70.3	46.4 139.1
157	98.1	57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 9.088 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

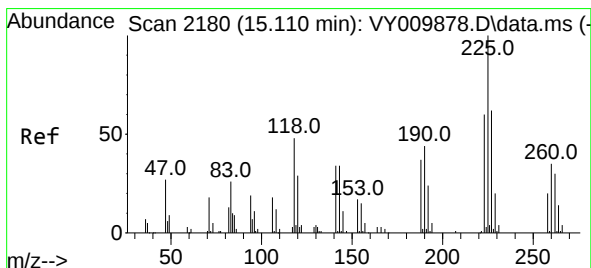
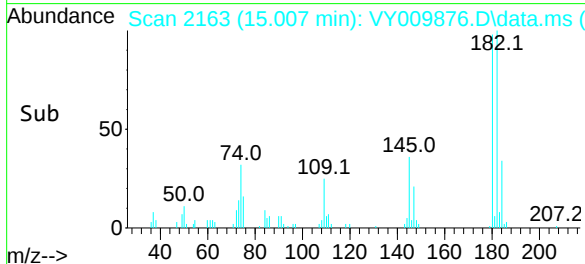
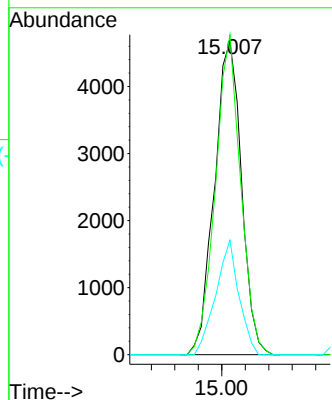
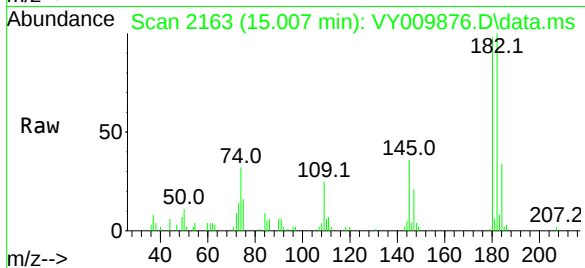
Tgt Ion:180 Resp: 7455

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 31.3 15.1 45.3



#94

Hexachlorobutadiene

Concen: 10.322 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

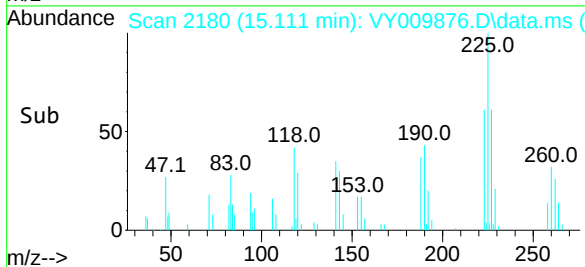
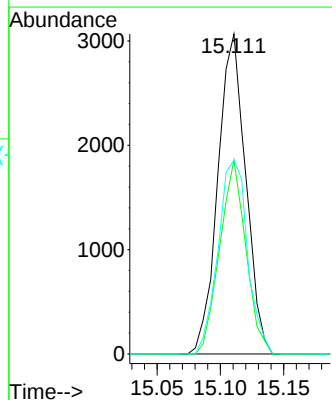
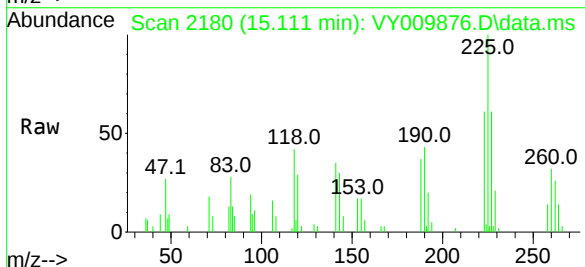
Tgt Ion:225 Resp: 4687

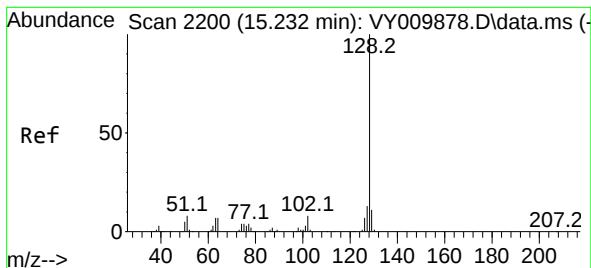
Ion Ratio Lower Upper

225 100

223 56.9 30.8 92.3

227 64.0 31.9 95.5





#95

Naphthalene

Concen: 8.966 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009876.D

Acq: 08 Aug 2022 15:50

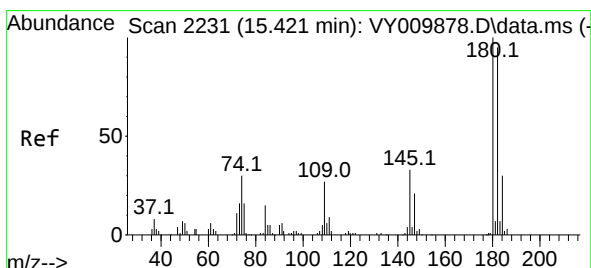
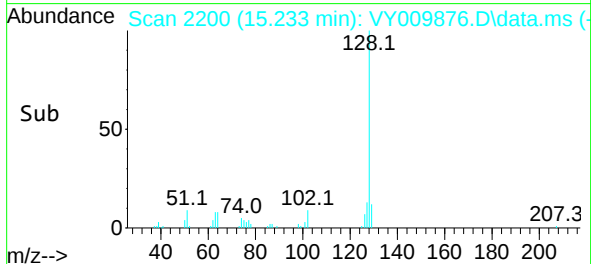
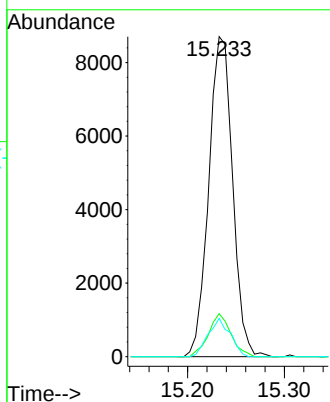
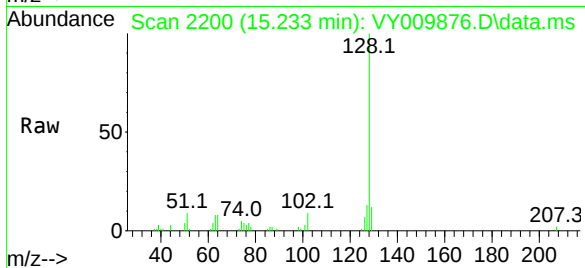
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:	128	Resp:	14906
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	11.1	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.696 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

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Acq: 08 Aug 2022 15:50

Tgt Ion:	180	Resp:	6894
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.0	141.0
145	32.2	15.6	46.7

