

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013836.D
 Acq On : 23 May 2023 17:09
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052323

Quant Time: May 24 05:29:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	261154	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	394900	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	344228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150332	49.757	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.710	113	130669	51.237	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.179	98	471553	48.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.483	95	161881	50.244	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	132692	55.470	ug/l	98
3) Chloromethane	2.107	50	163116	55.971	ug/l	98
4) Vinyl Chloride	2.247	62	167984	56.365	ug/l	97
5) Bromomethane	2.650	94	120068	50.697	ug/l	97
6) Chloroethane	2.790	64	102937	53.005	ug/l	99
7) Trichlorofluoromethane	3.125	101	263672	52.568	ug/l	99
8) Diethyl Ether	3.528	74	79695	51.801	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	144175	53.023	ug/l	97
10) Methyl Iodide	4.089	142	177528	54.995	ug/l	99
11) Tert butyl alcohol	4.954	59	59645	257.700	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	136302	53.357	ug/l	92
13) Acrolein	3.723	56	78873	226.550	ug/l	99
14) Allyl chloride	4.473	41	251277	53.880	ug/l	99
15) Acrylonitrile	5.155	53	212207	269.019	ug/l	99
16) Acetone	3.942	43	250648	279.517	ug/l	99
17) Carbon Disulfide	4.192	76	443162	58.119	ug/l	98
18) Methyl Acetate	4.467	43	163473	52.547	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	376073	53.946	ug/l	100
20) Methylene Chloride	4.704	84	167748	52.907	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	150567	54.222	ug/l	97
22) Diisopropyl ether	6.113	45	499532	55.476	ug/l	96
23) Vinyl Acetate	6.052	43	1490141	284.132	ug/l	98
24) 1,1-Dichloroethane	6.009	63	282091	53.663	ug/l	99
25) 2-Butanone	6.978	43	314460	287.386	ug/l	96
26) 2,2-Dichloropropane	6.972	77	253929	53.627	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	168141	53.901	ug/l	98
28) Bromochloromethane	7.332	49	74943	48.571	ug/l	97
29) Tetrahydrofuran	7.344	42	187653	287.242	ug/l	98
30) Chloroform	7.496	83	284845	53.447	ug/l	96
31) Cyclohexane	7.783	56	255274	54.992	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	257953	53.055	ug/l	99
36) 1,1-Dichloropropene	7.911	75	217274	55.935	ug/l	99
37) Ethyl Acetate	7.064	43	131272	55.402	ug/l	99
38) Carbon Tetrachloride	7.899	117	236066	53.439	ug/l	98
39) Methylcyclohexane	9.179	83	256751	56.440	ug/l	98
40) Benzene	8.155	78	613413	54.981	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	55048	42.580	ug/l	90
42) 1,2-Dichloroethane	8.234	62	192827	52.787	ug/l	100
43) Isopropyl Acetate	8.265	43	237763	55.066	ug/l	99
44) Trichloroethene	8.941	130	158124	52.606	ug/l	98
45) 1,2-Dichloropropane	9.216	63	152201	53.253	ug/l	97
46) Dibromomethane	9.301	93	86310	52.729	ug/l	99
47) Bromodichloromethane	9.490	83	206400	51.742	ug/l	98
48) Methyl methacrylate	9.289	41	112681	55.576	ug/l	99
49) 1,4-Dioxane	9.301	88	20979	1090.547	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	631745	274.550	ug/l	99
52) Toluene	10.240	92	362897	53.347	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	213829	52.661	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	241958	53.190	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	115610	52.499	ug/l	98
56) Ethyl methacrylate	10.508	69	161976	55.102	ug/l	98
57) 1,3-Dichloropropane	10.789	76	197057	52.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	210494	224.419	ug/l	99
59) 2-Hexanone	10.831	43	464838	284.000	ug/l	100
60) Dibromochloromethane	10.984	129	144232	51.777	ug/l	100
61) 1,2-Dibromoethane	11.087	107	112157	53.539	ug/l	100
64) Tetrachloroethene	10.722	164	133050	52.239	ug/l	97
65) Chlorobenzene	11.514	112	383743	53.190	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	146462	52.599	ug/l	99
67) Ethyl Benzene	11.593	91	708920	54.603	ug/l	100
68) m/p-Xylenes	11.703	106	536201	109.131	ug/l	99
69) o-Xylene	12.026	106	251016	54.236	ug/l	100
70) Styrene	12.044	104	422033	53.832	ug/l	98
71) Bromoform	12.209	173	94378	51.858	ug/l	98
73) Isopropylbenzene	12.331	105	669168	53.914	ug/l	99
74) N-amyl acetate	12.142	43	208239	55.804	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	136902	53.283	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	183448	93.295	ug/l #	100
77) Bromobenzene	12.605	156	157785	51.810	ug/l	98
78) n-propylbenzene	12.672	91	834373	54.415	ug/l	100
79) 2-Chlorotoluene	12.758	91	456060	53.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	553933	54.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	49538	54.687	ug/l	98
82) 4-Chlorotoluene	12.855	91	473328	53.468	ug/l	98
83) tert-Butylbenzene	13.075	119	480603	53.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	541247	53.819	ug/l	100
85) sec-Butylbenzene	13.252	105	711853	53.704	ug/l	99
86) p-Isopropyltoluene	13.367	119	596706	54.466	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	302047	51.350	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	301900	51.553	ug/l	98
89) n-Butylbenzene	13.697	91	574110	54.646	ug/l	99
90) Hexachloroethane	13.959	117	116035	51.585	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	269005	51.460	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23448	52.090	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	172594	53.258	ug/l	99
94) Hexachlorobutadiene	15.111	225	107529	52.624	ug/l	99
95) Naphthalene	15.233	128	342184	48.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	152448	52.898	ug/l	99

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ClientSampleId :
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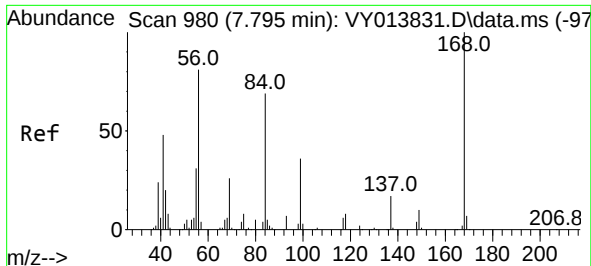
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QLast Update : Wed May 24 05:25:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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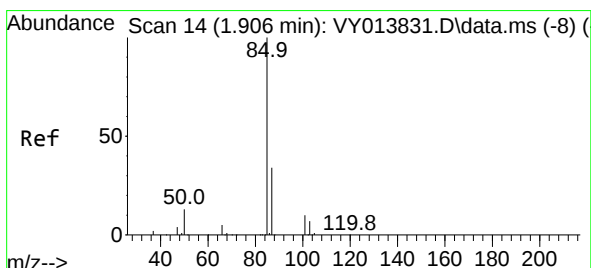
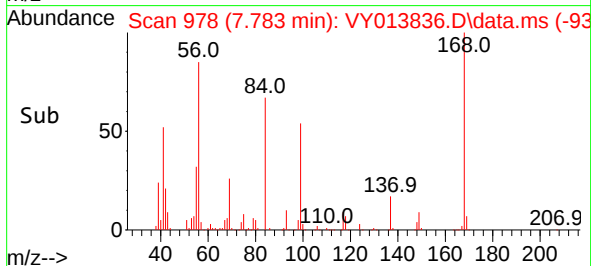
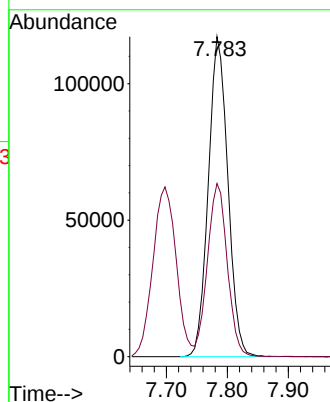
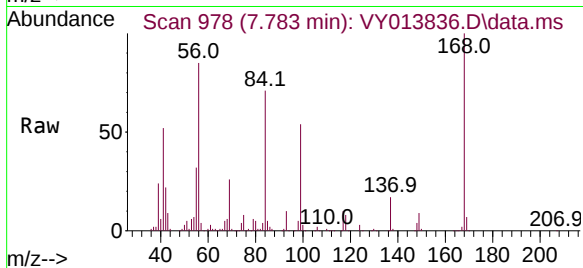




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013836.D
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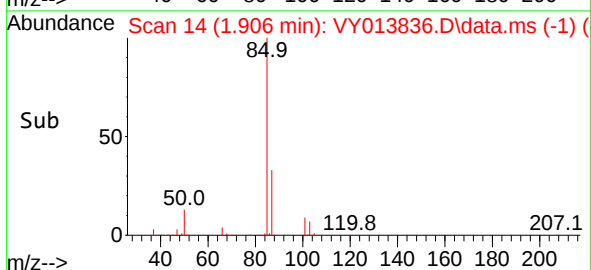
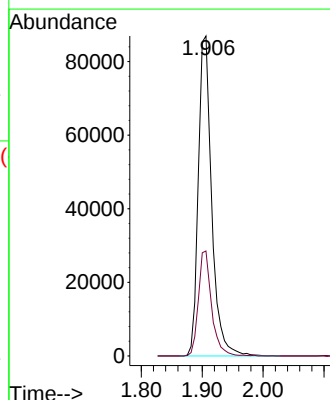
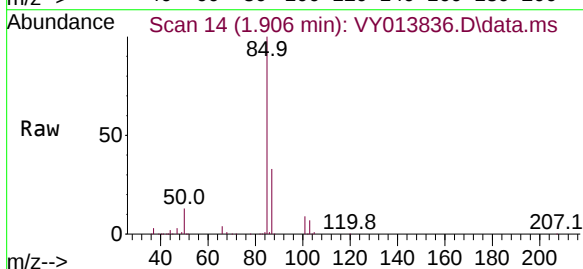
Instrument :
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ClientSampleId :
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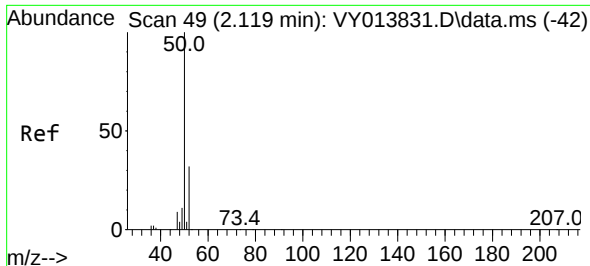
Tgt Ion:168 Resp: 261154
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 55.470 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 85 Resp: 132692
Ion Ratio Lower Upper
85 100
87 32.8 16.9 50.7

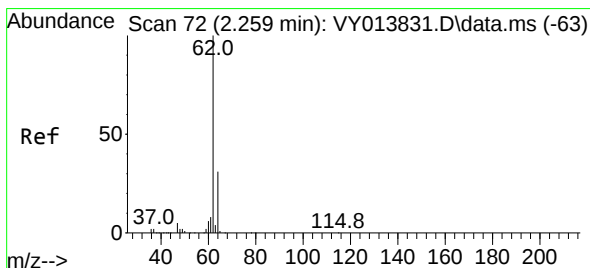
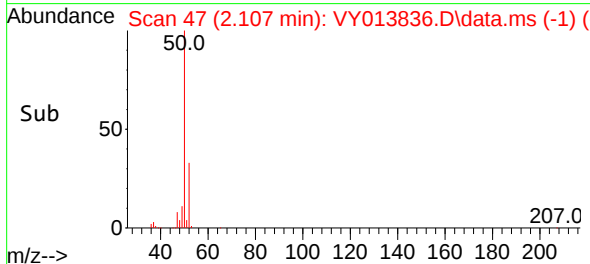
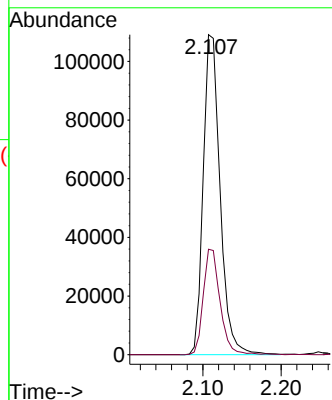
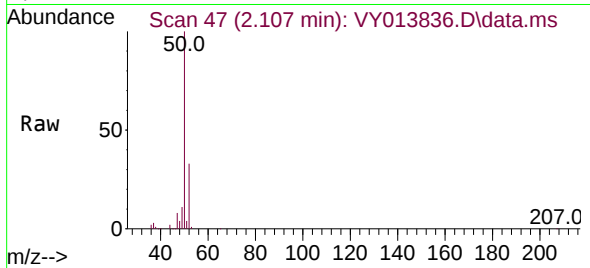




#3
Chloromethane
Concen: 55.971 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

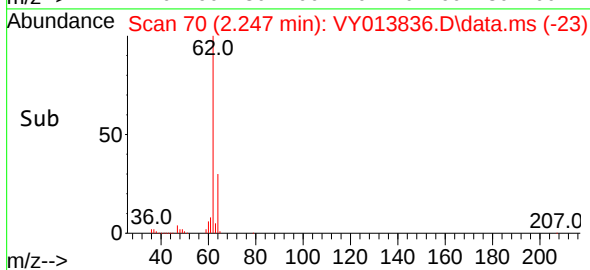
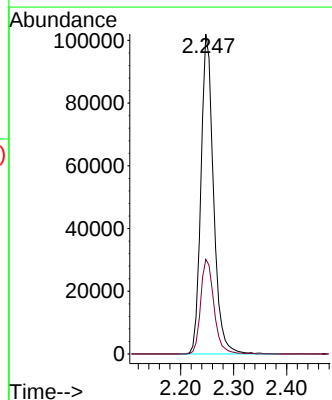
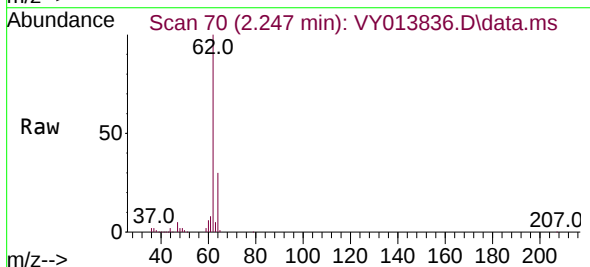
Instrument :
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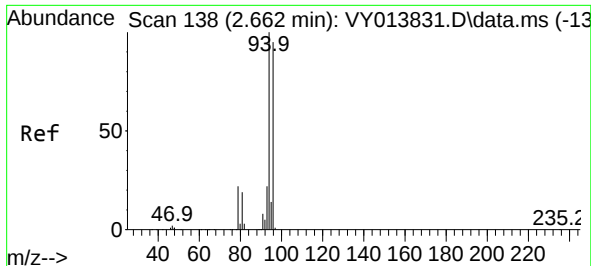
Tgt Ion: 50 Resp: 163116
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 56.365 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 62 Resp: 167984
Ion Ratio Lower Upper
62 100
64 29.6 24.8 37.2

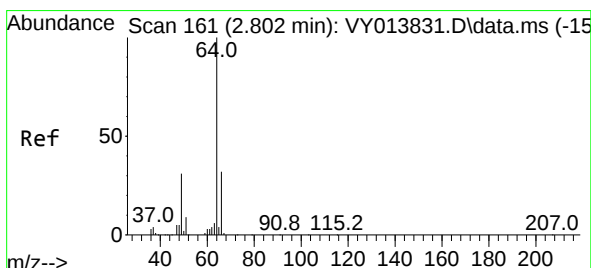
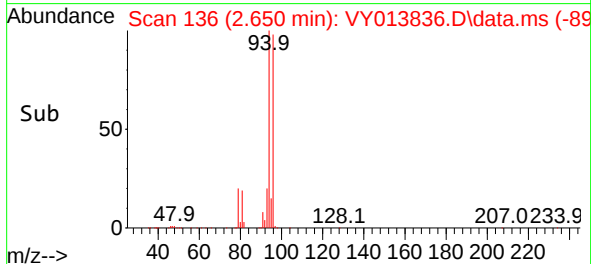
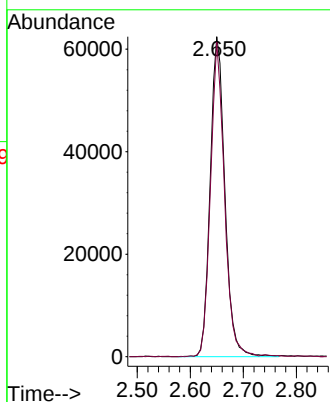
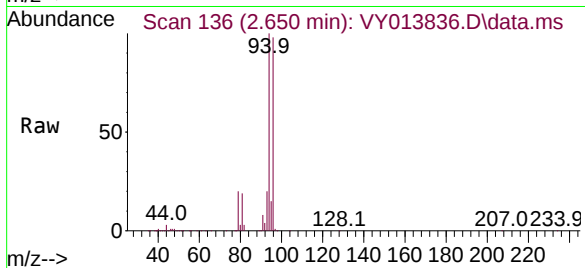




#5
Bromomethane
Concen: 50.697 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

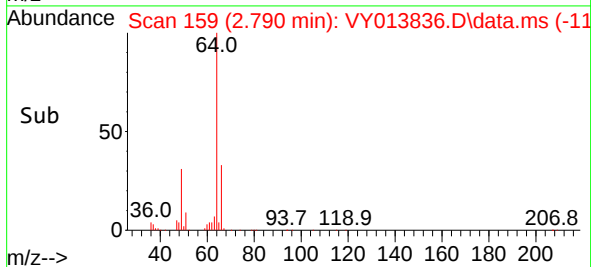
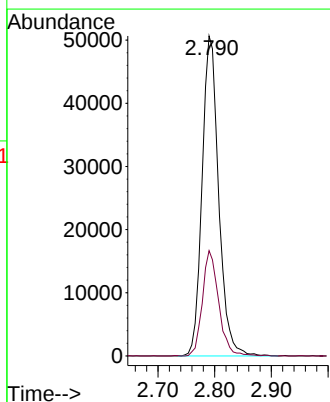
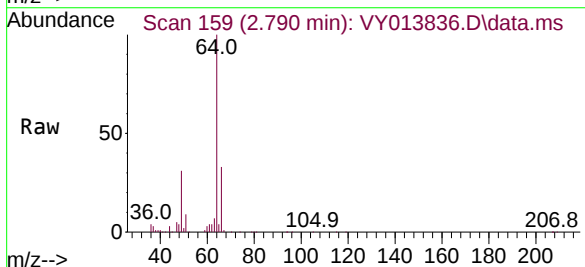
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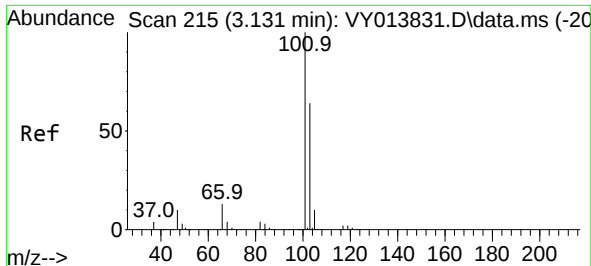
Tgt Ion: 94 Resp: 120068
Ion Ratio Lower Upper
94 100
96 98.4 76.2 114.2



#6
Chloroethane
Concen: 53.005 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 64 Resp: 102937
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5

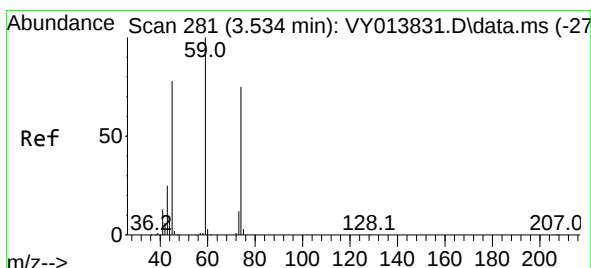
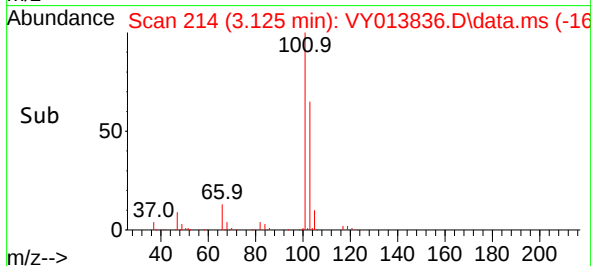
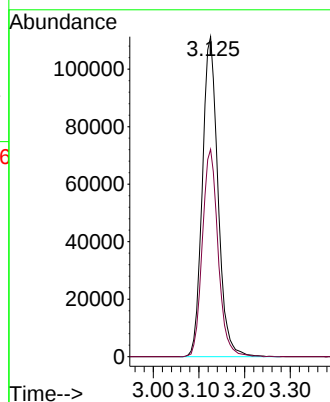
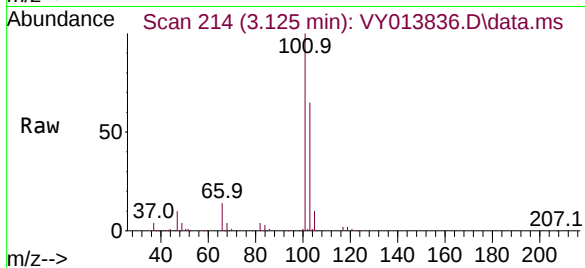




#7
 Trichlorofluoromethane
 Concen: 52.568 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY013836.D
 Acq: 23 May 2023 17:09

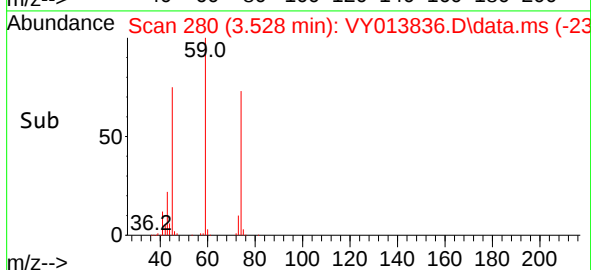
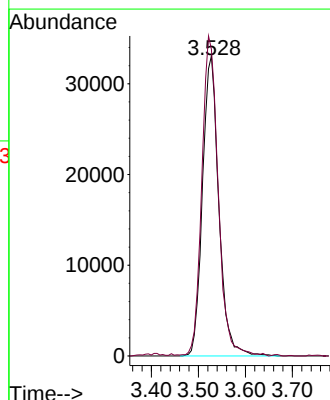
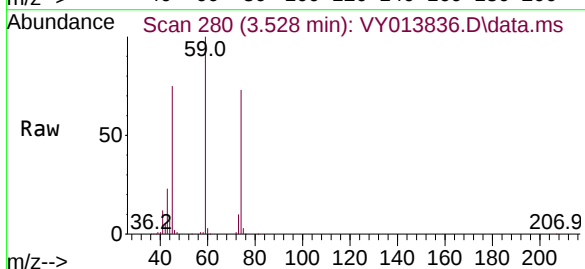
Instrument :
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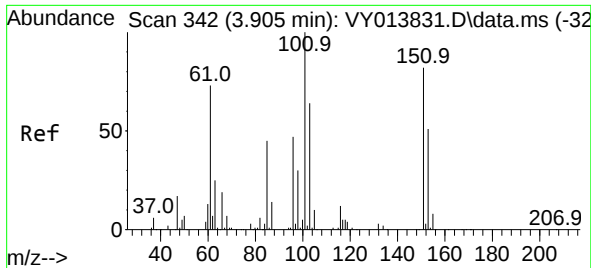
Tgt Ion:101 Resp: 263672
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 51.801 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY013836.D
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Tgt Ion: 74 Resp: 79695
 Ion Ratio Lower Upper
 74 100
 45 107.4 51.8 155.5

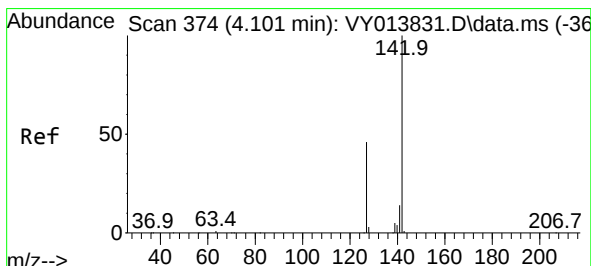
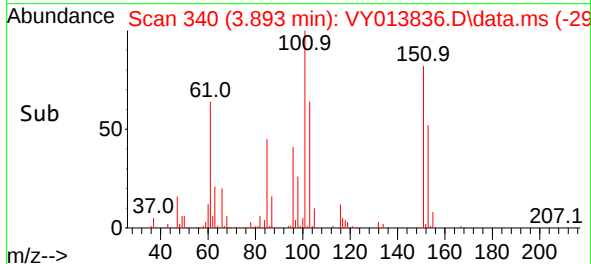
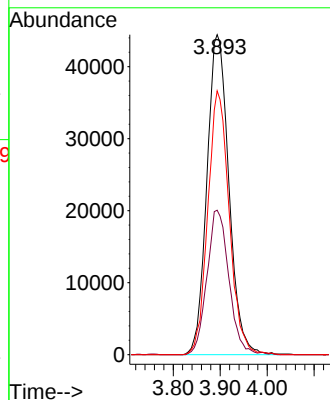
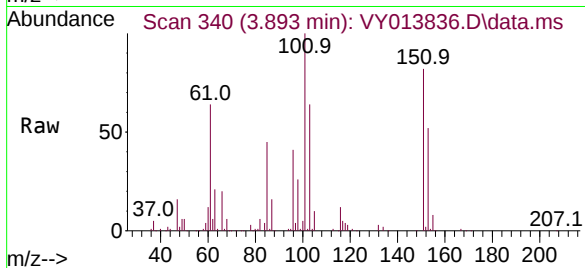




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.023 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

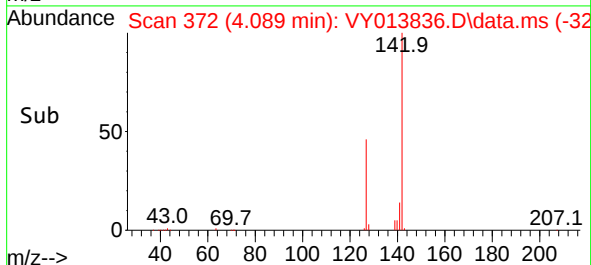
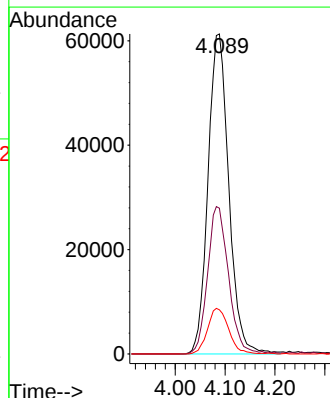
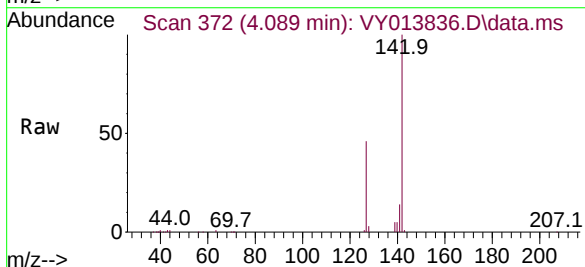
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

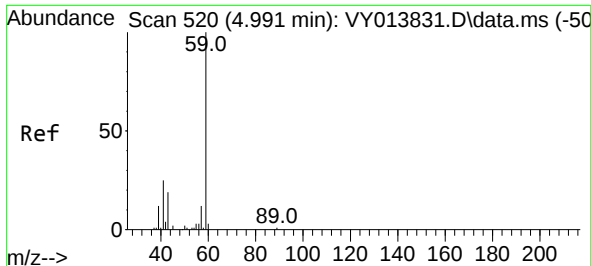
Tgt Ion:101 Resp: 144175
Ion Ratio Lower Upper
101 100
85 45.2 37.4 56.2
151 80.5 66.6 100.0



#10
Methyl Iodide
Concen: 54.995 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion:142 Resp: 177528
Ion Ratio Lower Upper
142 100
127 46.7 37.0 55.4
141 14.4 11.8 17.6

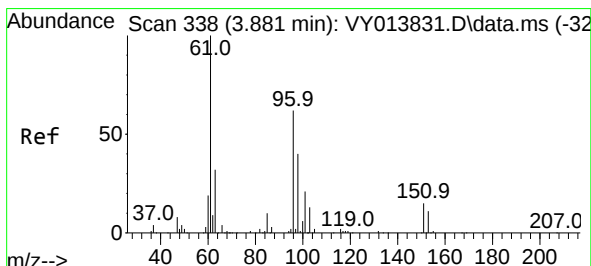
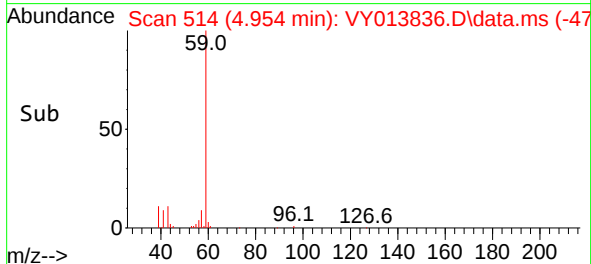
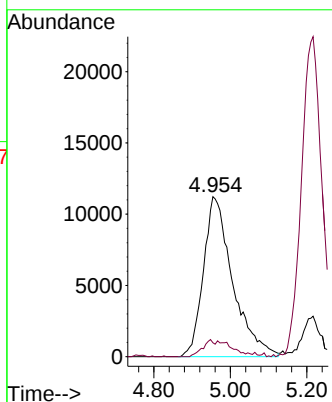
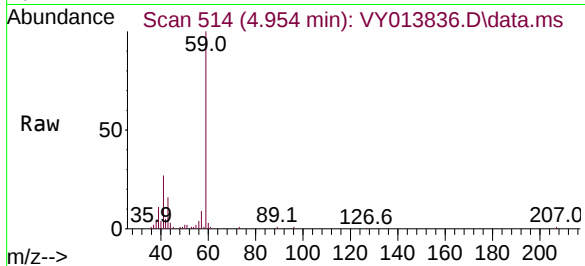




#11
Tert butyl alcohol
Concen: 257.700 ug/l
RT: 4.954 min Scan# 51
Delta R.T. -0.036 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

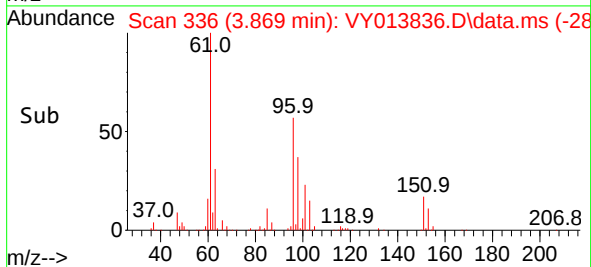
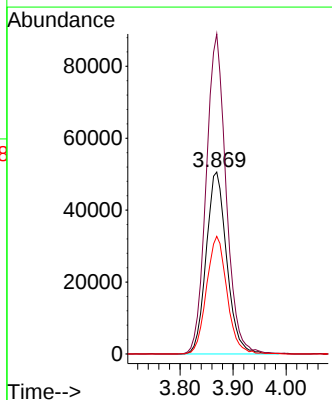
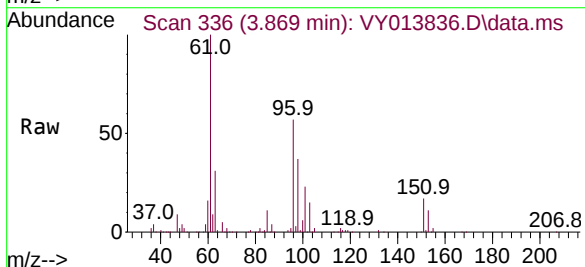
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052323

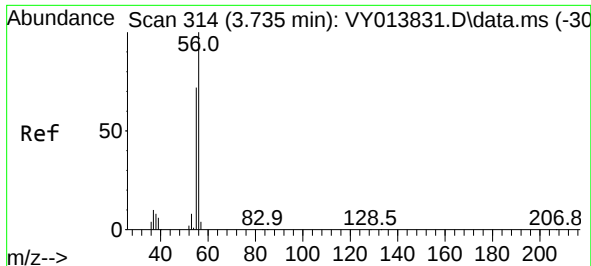
Tgt Ion: 59 Resp: 59645
Ion Ratio Lower Upper
59 100
57 4.4 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 53.357 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 96 Resp: 136302
Ion Ratio Lower Upper
96 100
61 175.9 129.0 193.4
98 64.6 52.0 78.0





#13

Acrolein

Concen: 226.550 ug/l

RT: 3.723 min Scan# 314

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

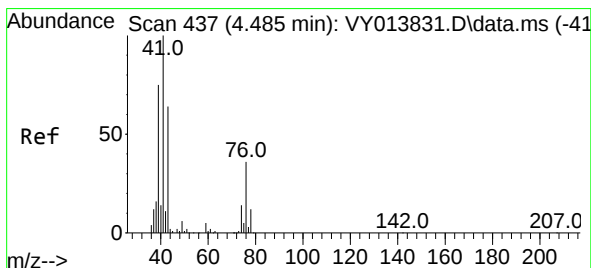
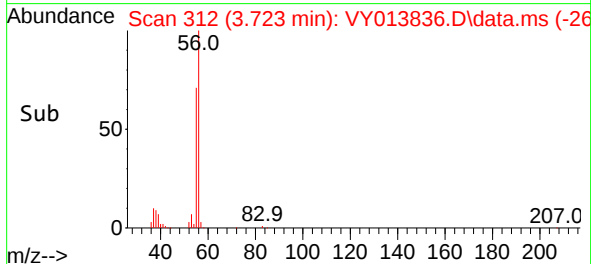
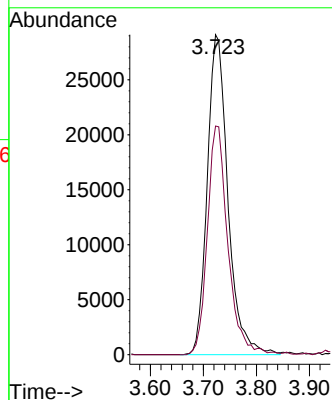
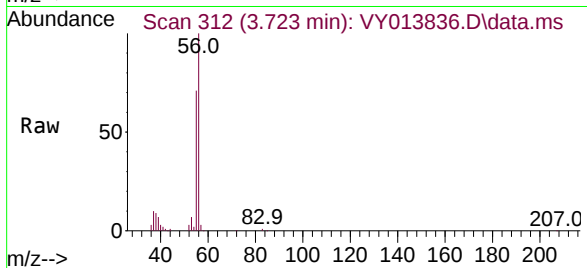
ICVY052323

Tgt Ion: 56 Resp: 78873

Ion Ratio Lower Upper

56 100

55 70.8 56.2 84.2



#14

Allyl chloride

Concen: 53.880 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

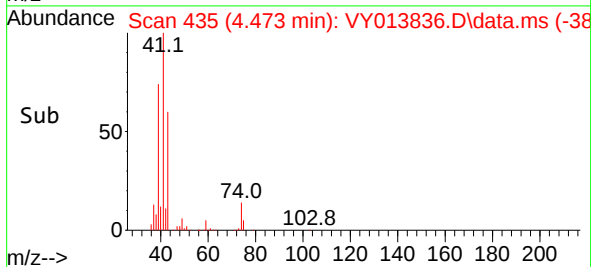
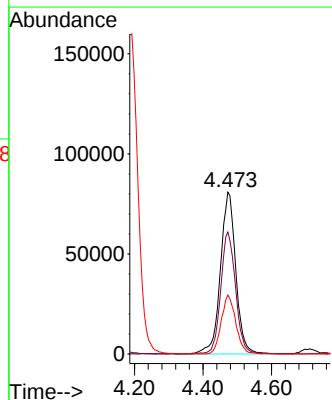
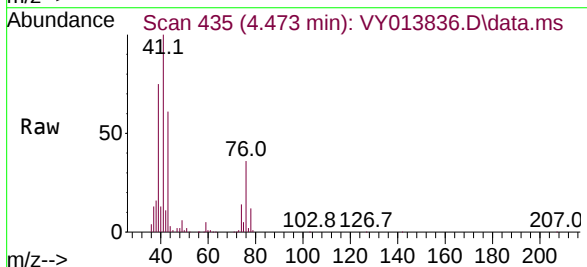
Tgt Ion: 41 Resp: 251277

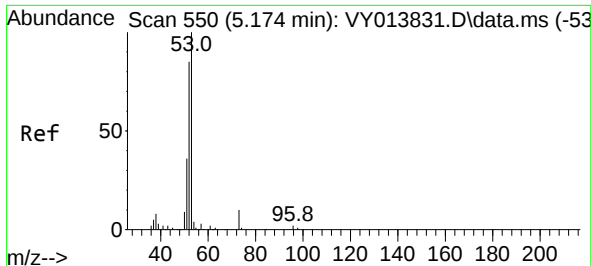
Ion Ratio Lower Upper

41 100

39 72.7 58.3 87.5

76 34.2 28.0 42.0

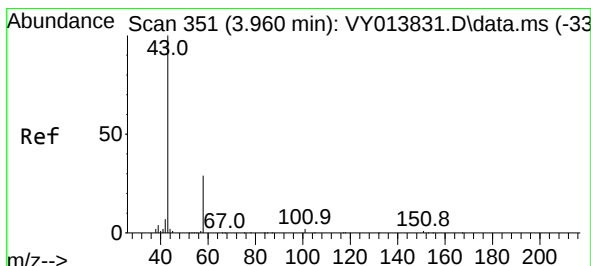
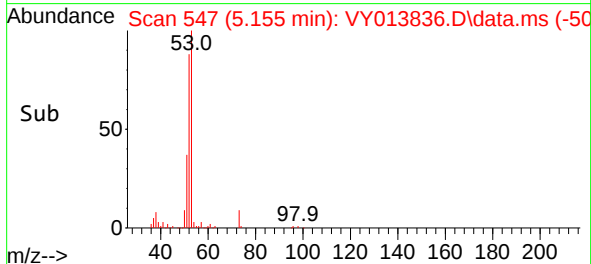
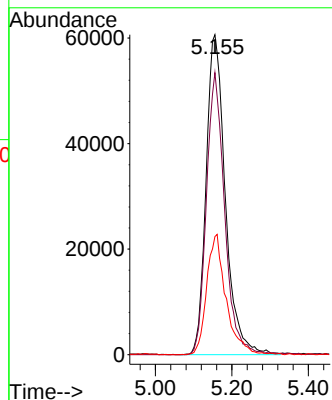
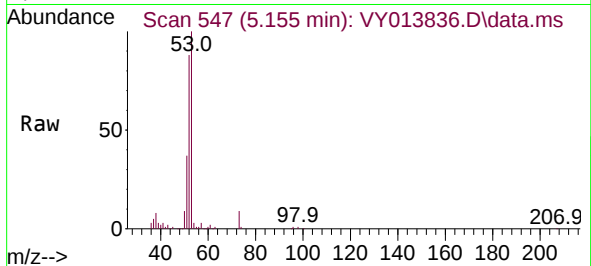




#15
Acrylonitrile
Concen: 269.019 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

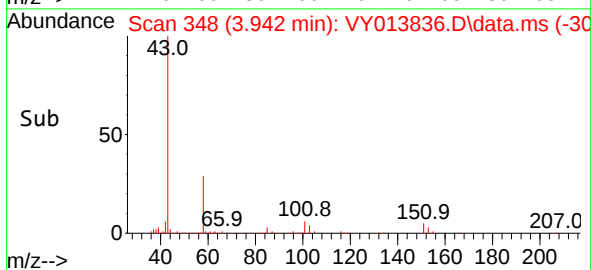
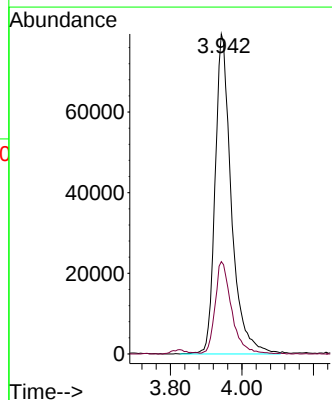
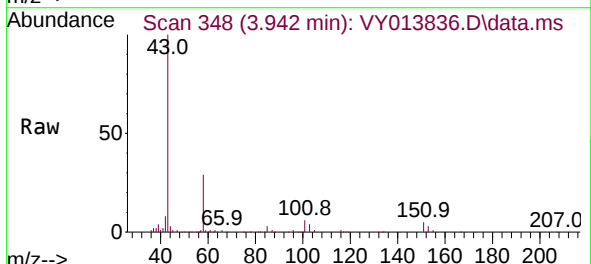
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

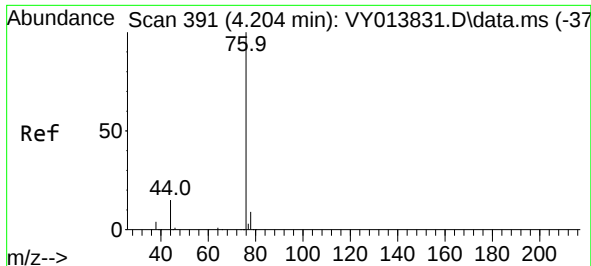
Tgt Ion: 53 Resp: 212207
Ion Ratio Lower Upper
53 100
52 83.2 67.2 100.8
51 37.7 30.2 45.2



#16
Acetone
Concen: 279.517 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 43 Resp: 250648
Ion Ratio Lower Upper
43 100
58 28.6 23.3 34.9

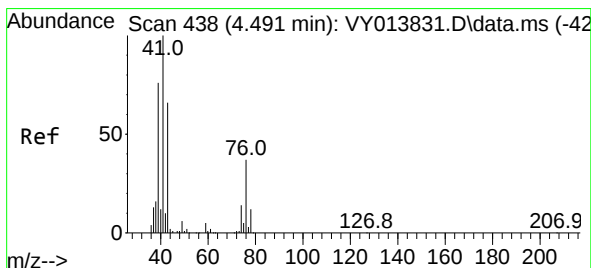
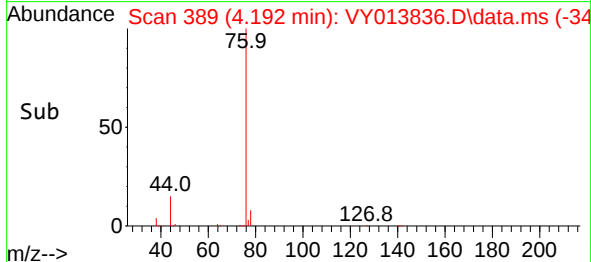
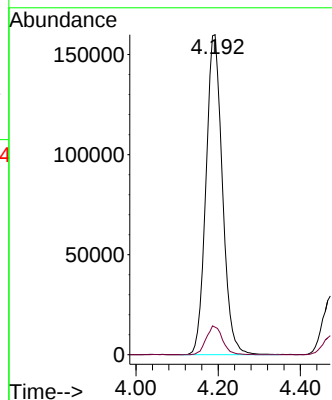
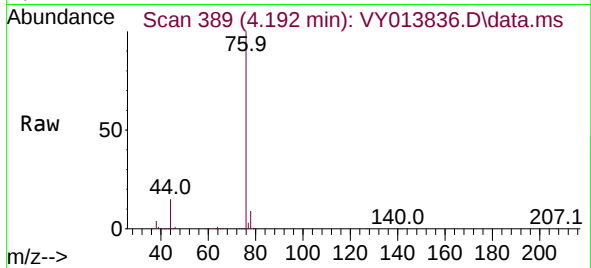




#17
Carbon Disulfide
Concen: 58.119 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

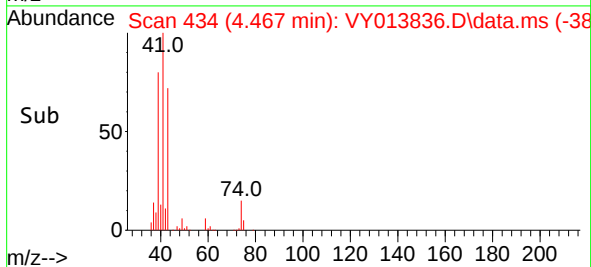
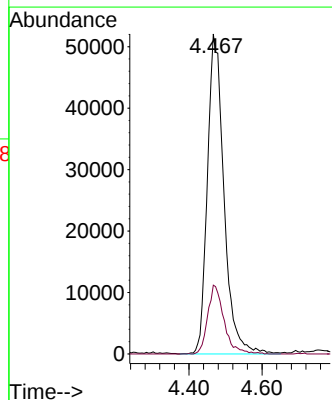
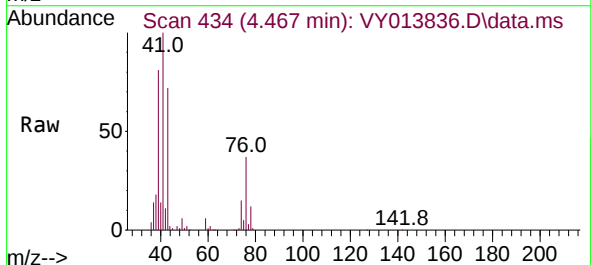
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052323

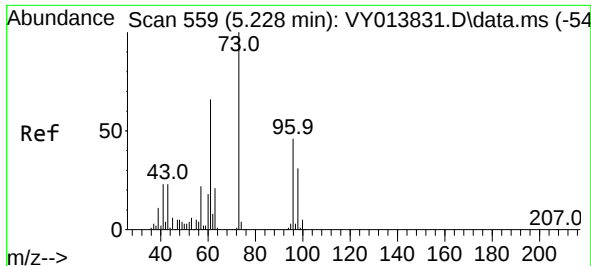
Tgt Ion: 76 Resp: 443162
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 52.547 ug/l
RT: 4.467 min Scan# 434
Delta R.T. -0.024 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 43 Resp: 163473
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 53.946 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

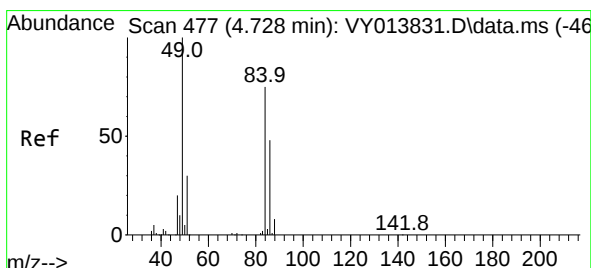
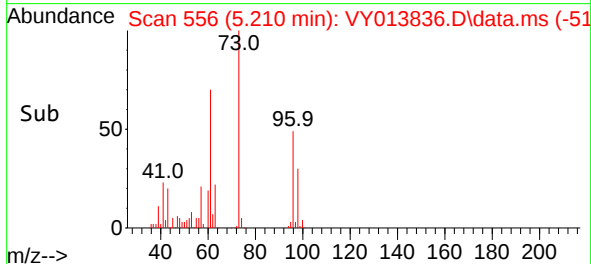
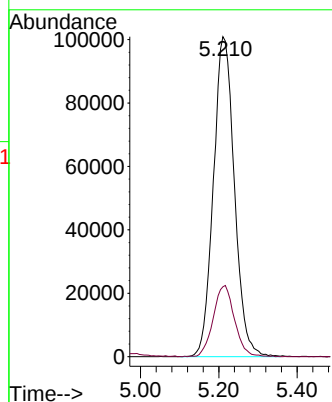
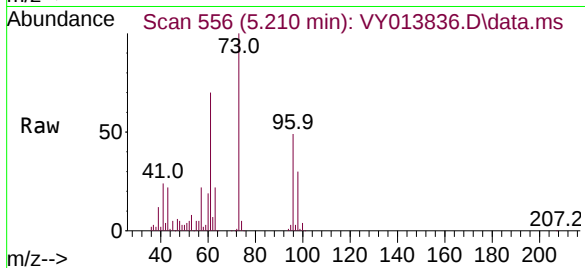
ICVVY052323

Tgt Ion: 73 Resp: 376073

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.2



#20

Methylene Chloride

Concen: 52.907 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.024 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Tgt Ion: 84 Resp: 167748

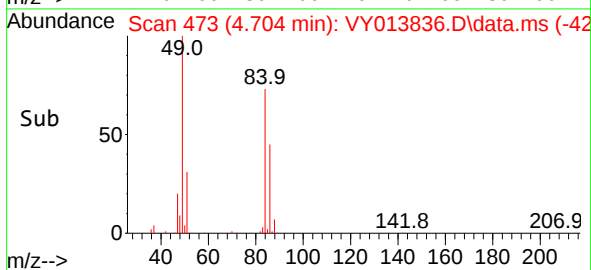
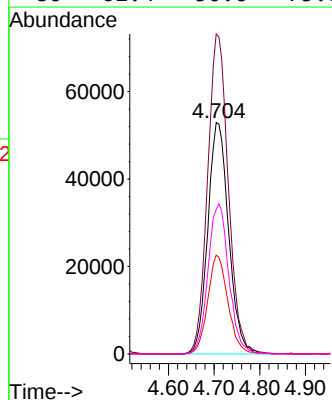
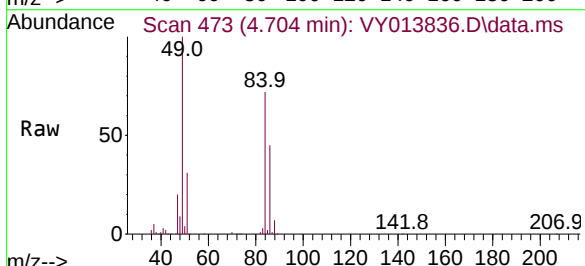
Ion Ratio Lower Upper

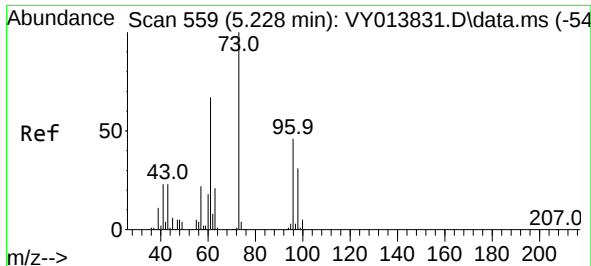
84 100

49 138.4 106.2 159.2

51 42.8 31.4 47.0

86 62.4 50.6 75.8

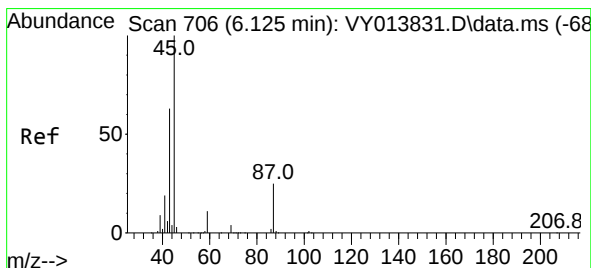
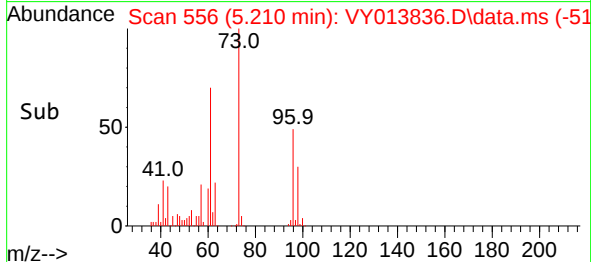
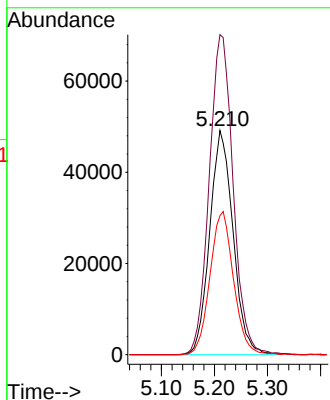
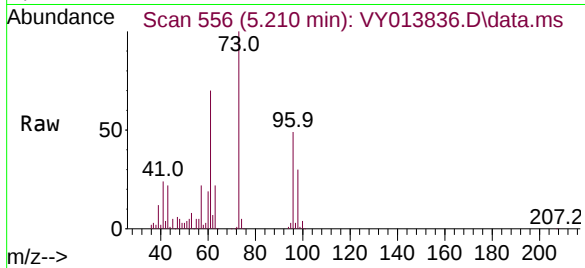




#21
trans-1,2-Dichloroethene
Concen: 54.222 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

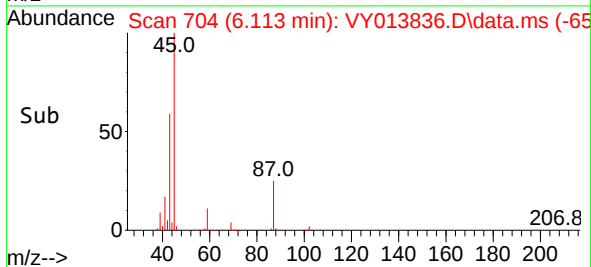
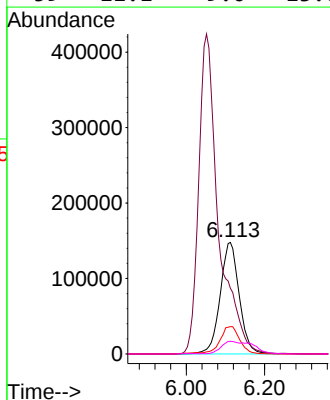
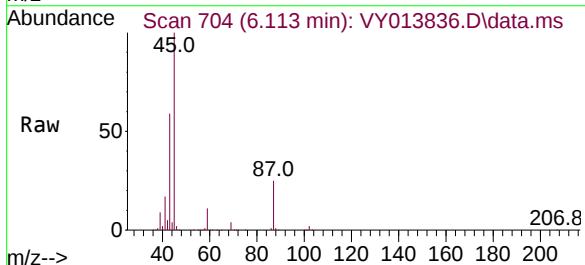
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

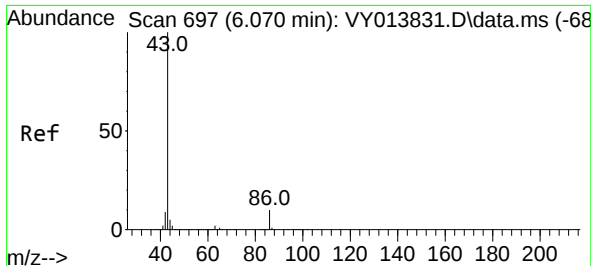
Tgt Ion: 96 Resp: 150567
Ion Ratio Lower Upper
96 100
61 142.8 115.5 173.3
98 62.0 53.7 80.5



#22
Diisopropyl ether
Concen: 55.476 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 45 Resp: 499532
Ion Ratio Lower Upper
45 100
43 58.9 50.6 75.8
87 24.5 20.7 31.1
59 11.1 9.0 13.6

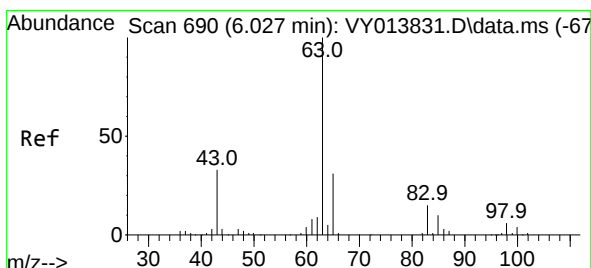
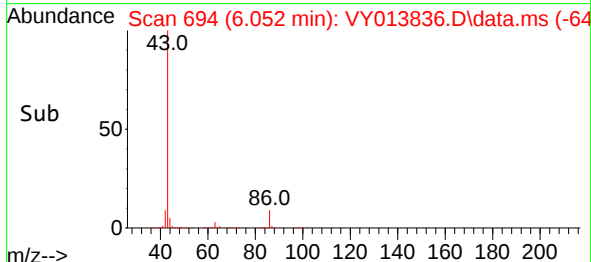
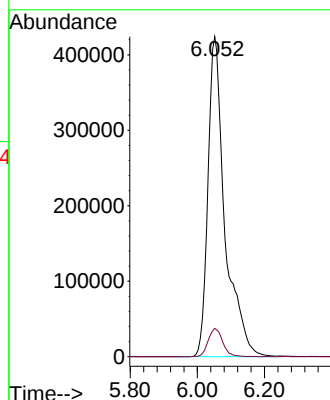
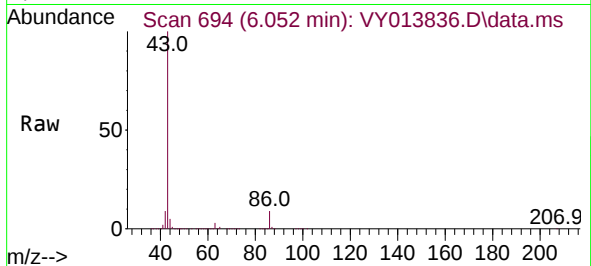




#23
 Vinyl Acetate
 Concen: 284.132 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY013836.D
 Acq: 23 May 2023 17:09

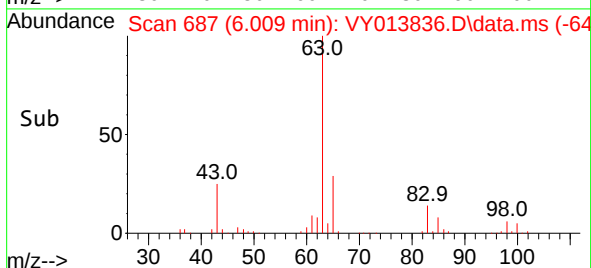
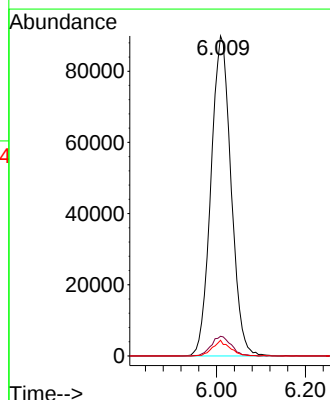
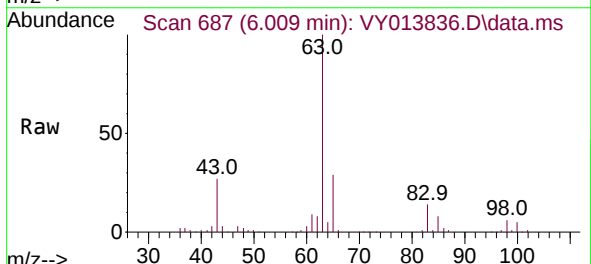
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052323

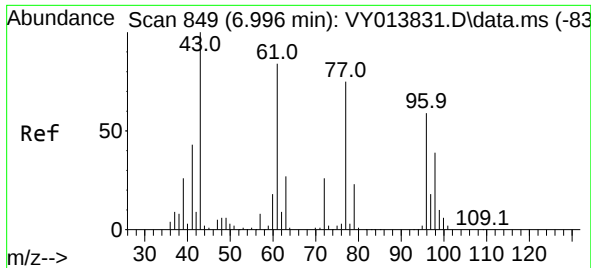
Tgt Ion: 43 Resp: 1490141
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 53.663 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY013836.D
 Acq: 23 May 2023 17:09

Tgt Ion: 63 Resp: 282091
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.2 9.6
 100 4.9 2.1 6.2

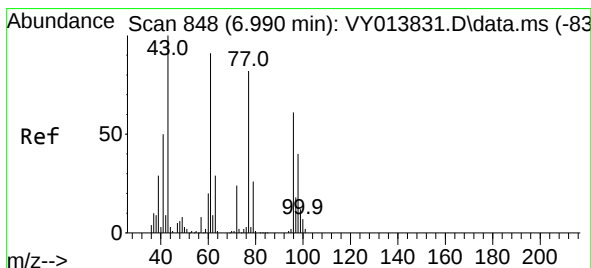
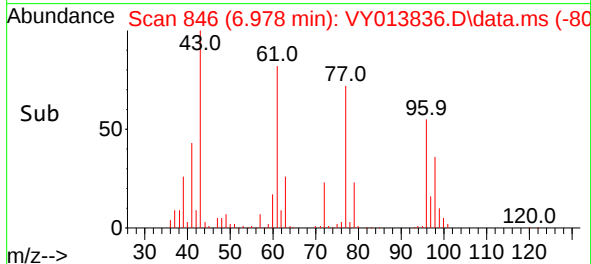
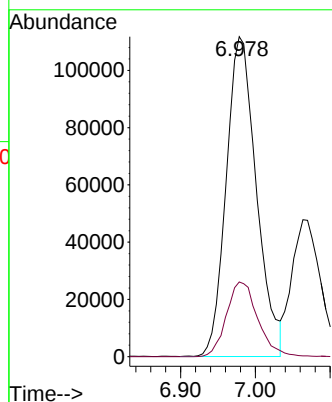
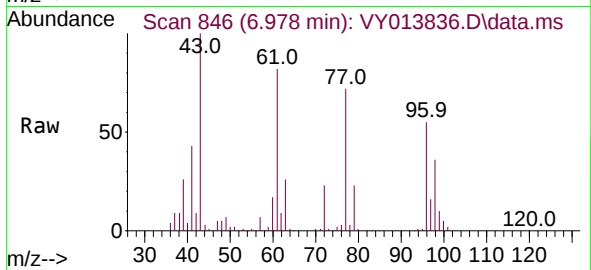




#25
2-Butanone
Concen: 287.386 ug/l
RT: 6.978 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

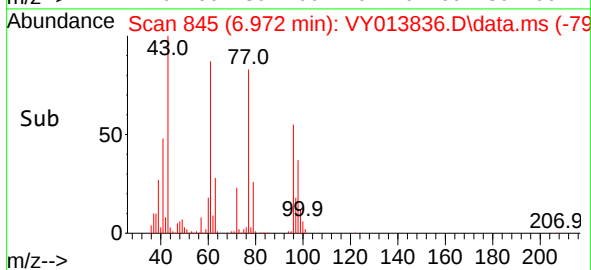
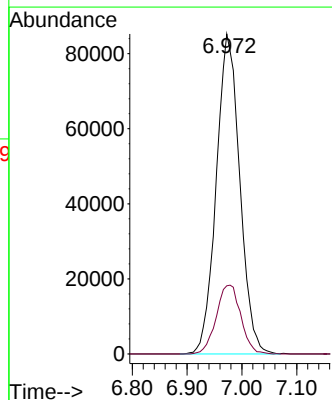
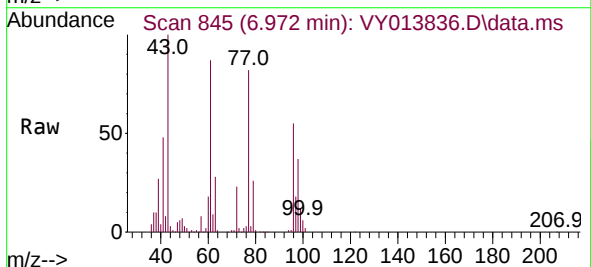
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

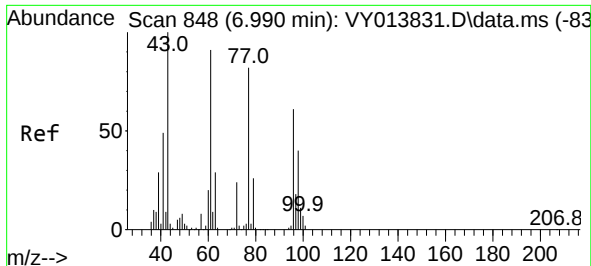
Tgt Ion: 43 Resp: 314460
Ion Ratio Lower Upper
43 100
72 23.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.627 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 77 Resp: 253929
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 53.901 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

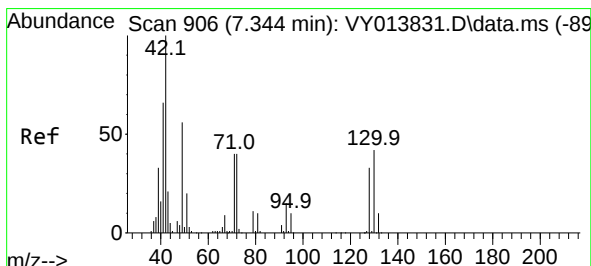
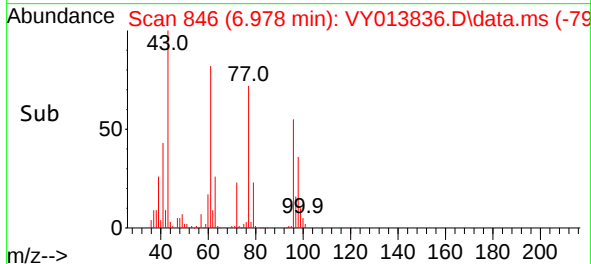
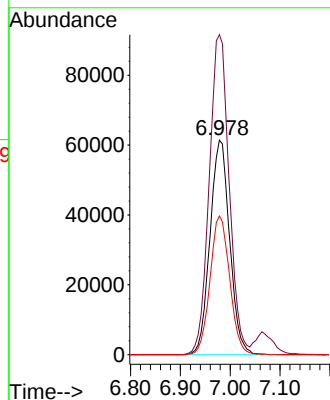
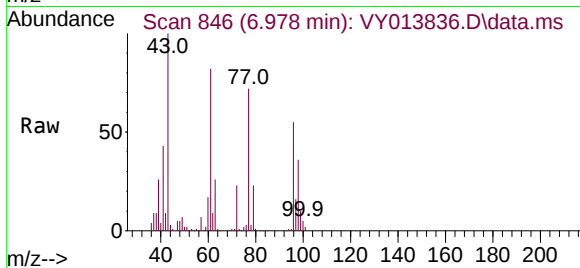
Tgt Ion: 96 Resp: 168141

Ion Ratio Lower Upper

96 100

61 151.1 0.0 296.4

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 48.571 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

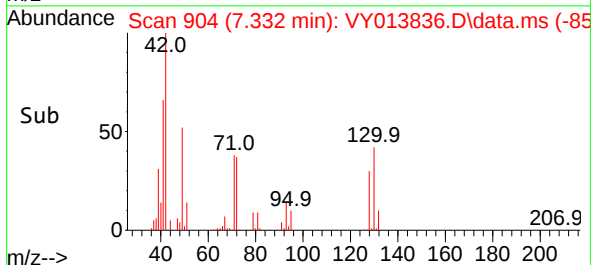
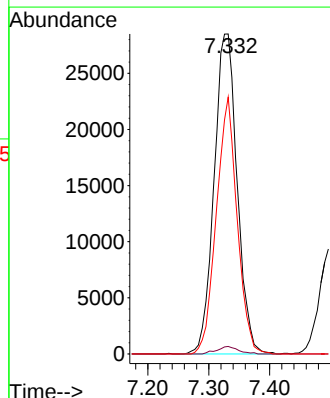
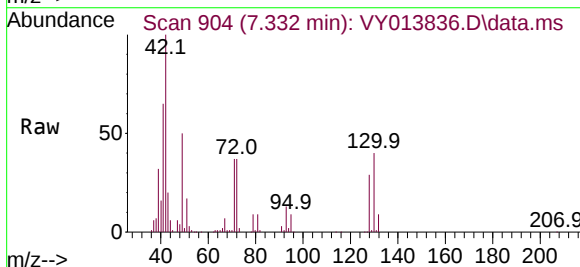
Tgt Ion: 49 Resp: 74943

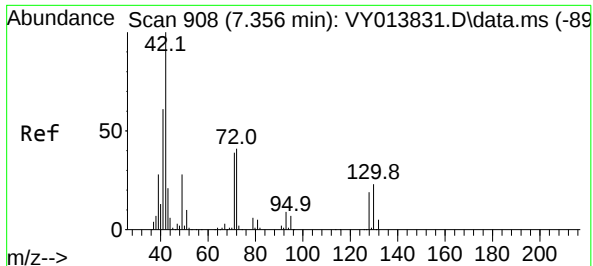
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 72.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 287.242 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

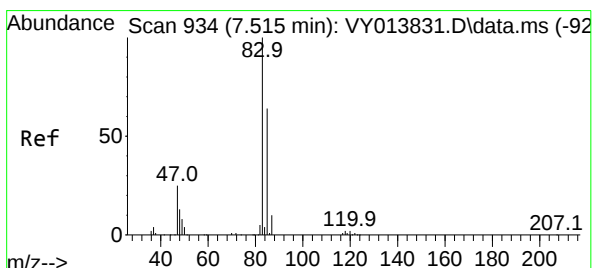
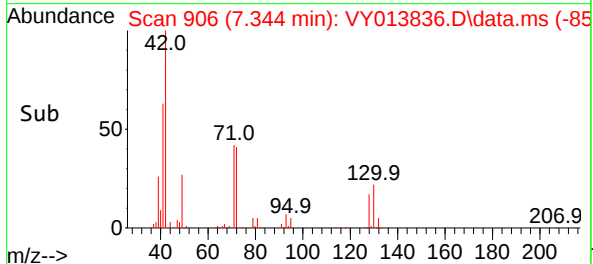
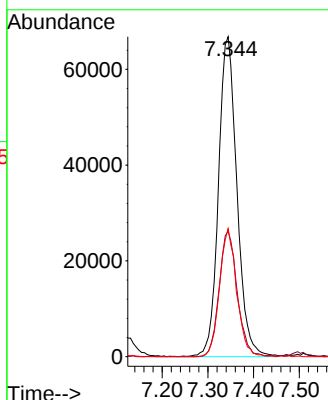
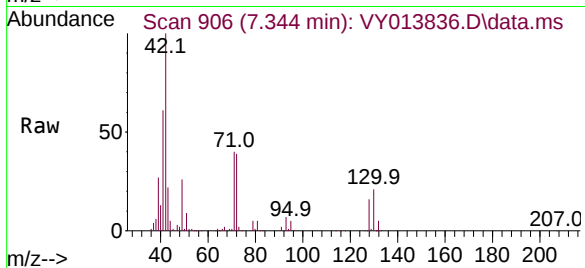
Tgt Ion: 42 Resp: 187653

Ion Ratio Lower Upper

42 100

72 38.4 31.7 47.5

71 37.2 30.6 45.8



#30

Chloroform

Concen: 53.447 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.018 min

Lab File: VY013836.D

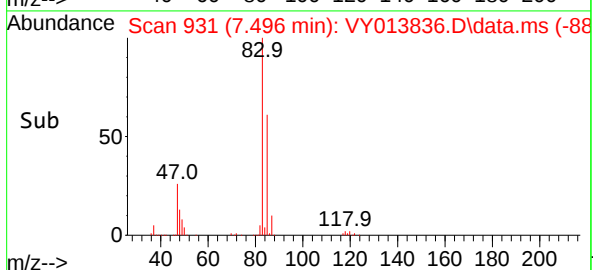
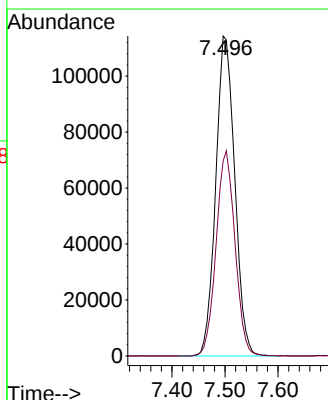
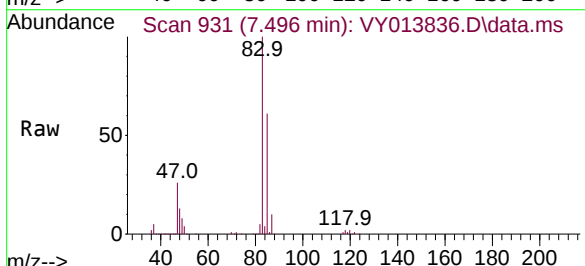
Acq: 23 May 2023 17:09

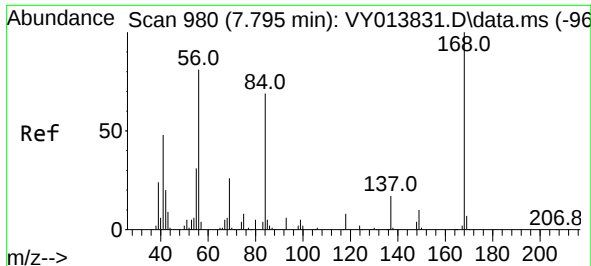
Tgt Ion: 83 Resp: 284845

Ion Ratio Lower Upper

83 100

85 60.9 51.0 76.6

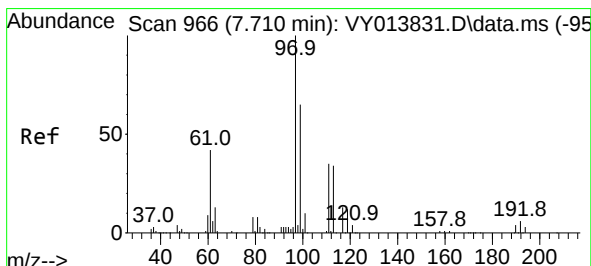
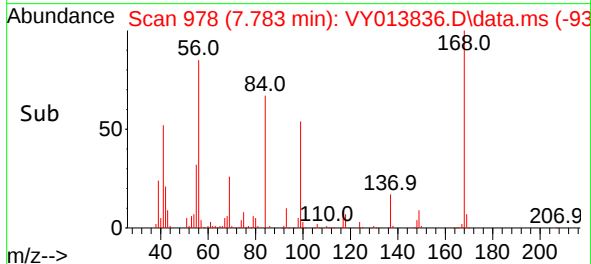
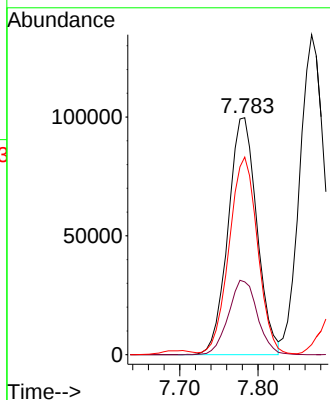
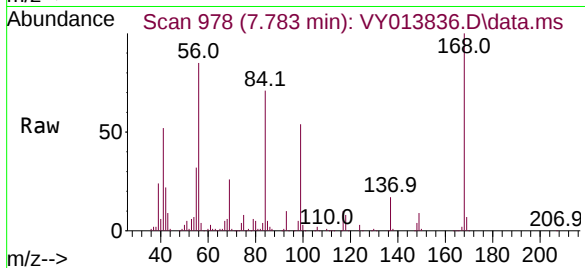




#31
Cyclohexane
Concen: 54.992 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

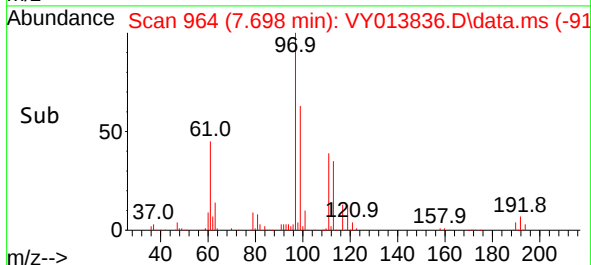
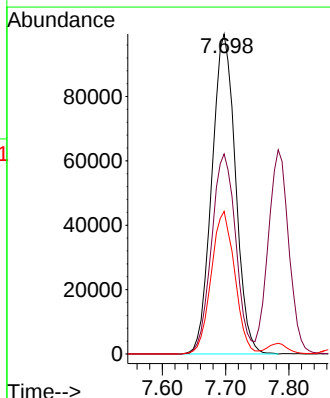
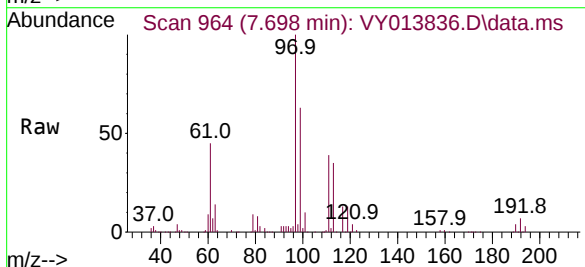
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052323

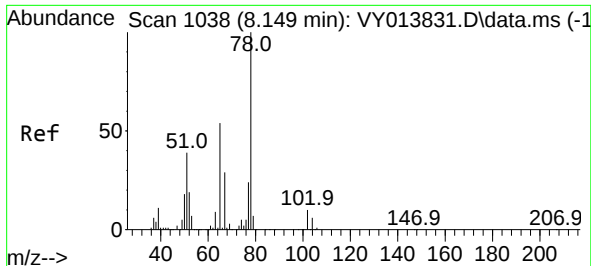
Tgt Ion: 56 Resp: 255274
Ion Ratio Lower Upper
56 100
69 30.8 25.8 38.8
84 81.7 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 53.055 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 97 Resp: 257953
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 44.4 35.0 52.4

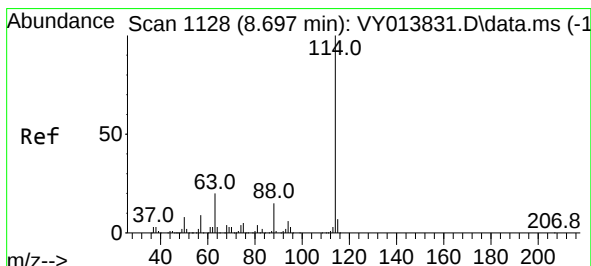
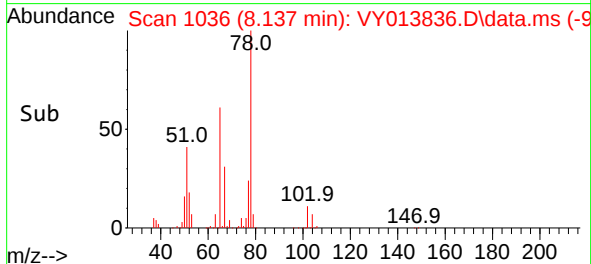
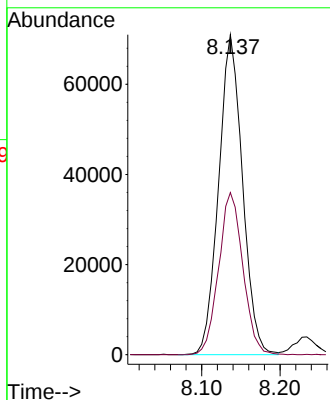
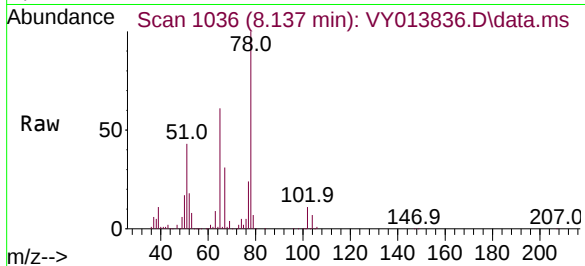




#33
1,2-Dichloroethane-d4
Concen: 49.757 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

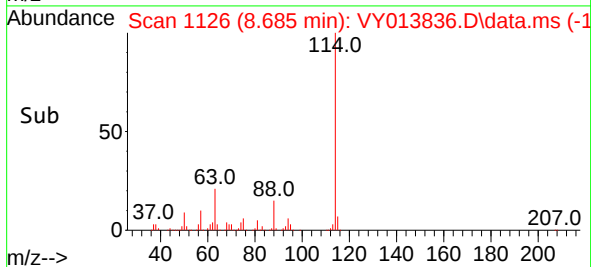
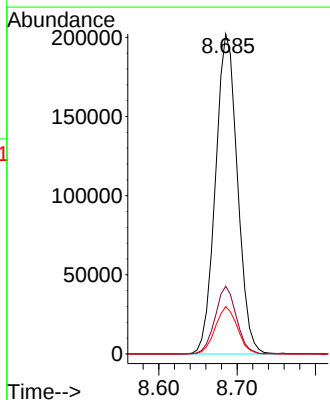
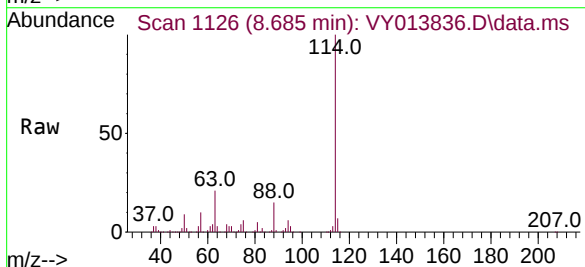
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

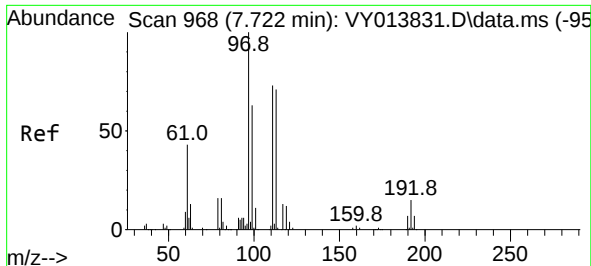
Tgt Ion: 65 Resp: 150332
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 114 Resp: 394900
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.2
88 14.8 0.0 30.0

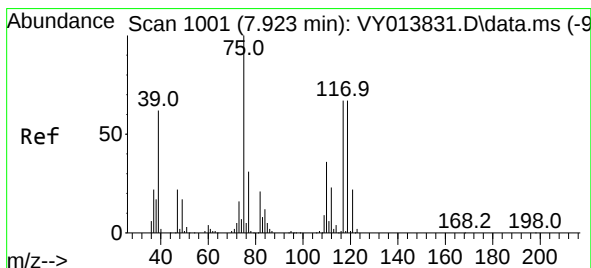
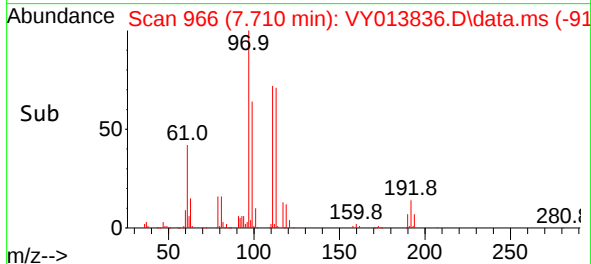
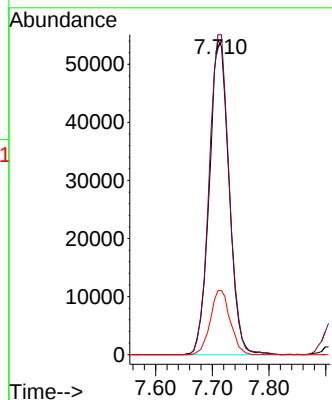
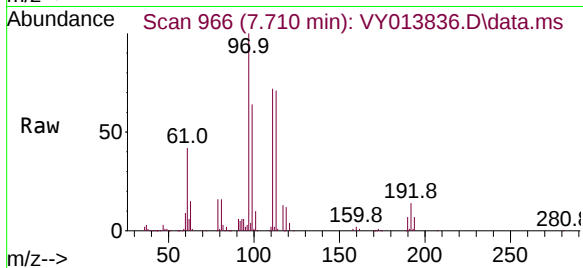




#35
Dibromofluoromethane
Concen: 51.237 ug/l
RT: 7.710 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

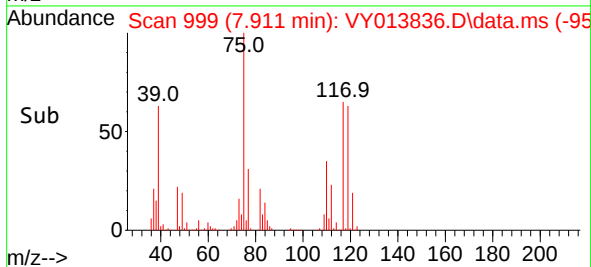
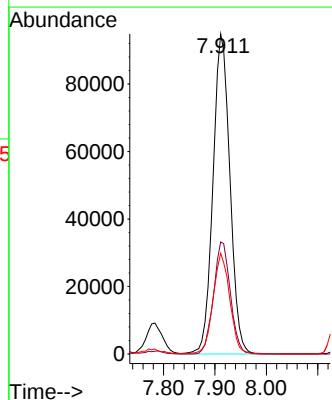
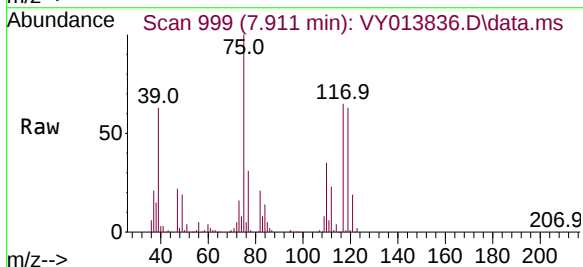
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

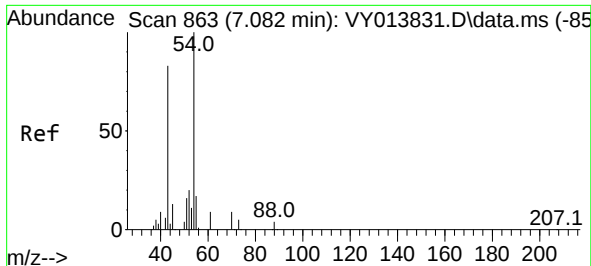
Tgt Ion:113 Resp: 130669
Ion Ratio Lower Upper
113 100
111 103.3 80.4 120.6
192 20.6 16.6 25.0



#36
1,1-Dichloropropene
Concen: 55.935 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 75 Resp: 217274
Ion Ratio Lower Upper
75 100
110 34.7 17.5 52.6
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 55.402 ug/l

RT: 7.064 min Scan# 8

Delta R.T. -0.018 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052323

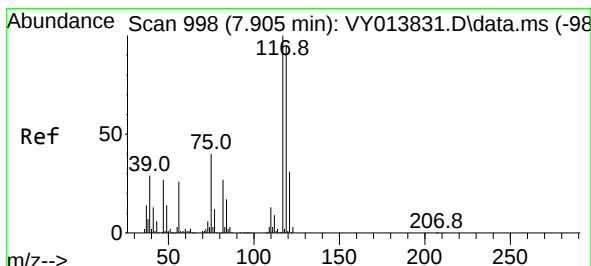
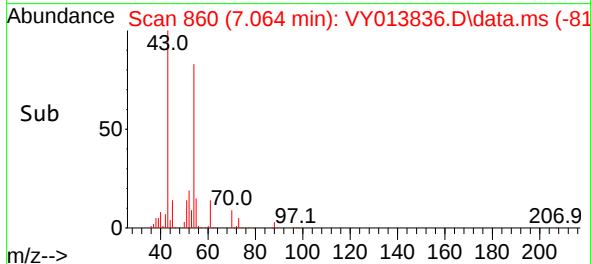
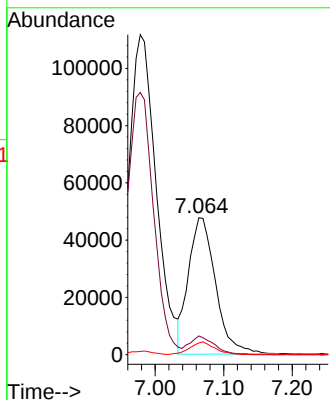
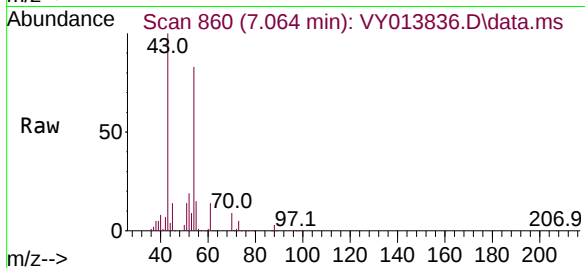
Tgt Ion: 43 Resp: 131272

Ion Ratio Lower Upper

43 100

61 12.5 10.5 15.7

70 8.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 53.439 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

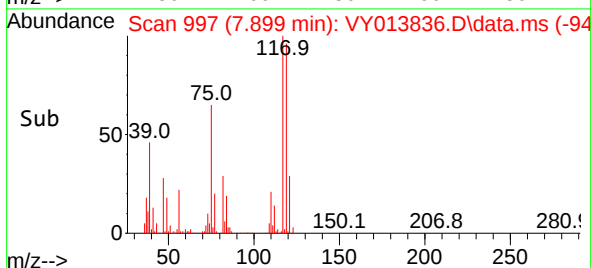
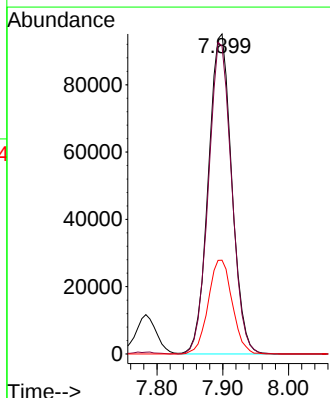
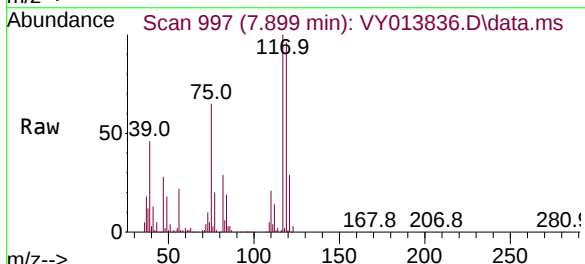
Tgt Ion:117 Resp: 236066

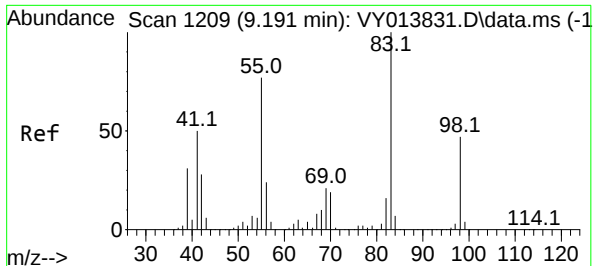
Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

121 29.3 24.8 37.2





#39

Methylcyclohexane

Concen: 56.440 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052323

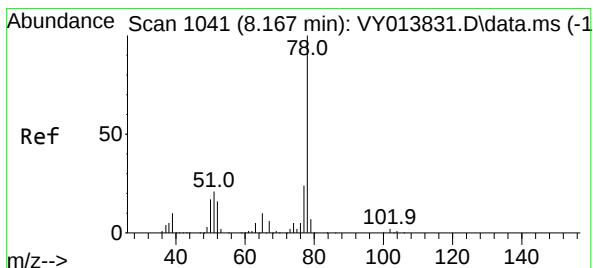
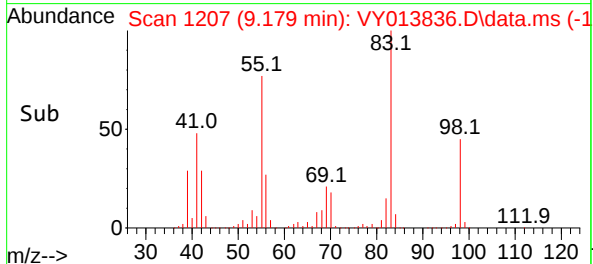
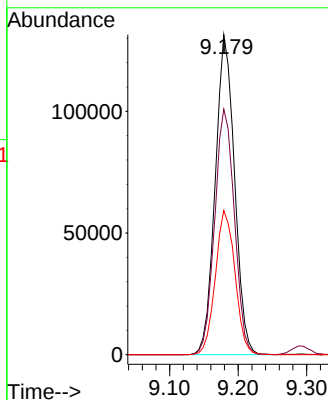
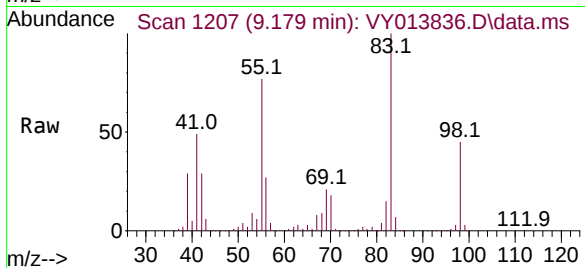
Tgt Ion: 83 Resp: 256751

Ion Ratio Lower Upper

83 100

55 76.7 61.6 92.4

98 45.0 38.0 57.0



#40

Benzene

Concen: 54.981 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY013836.D

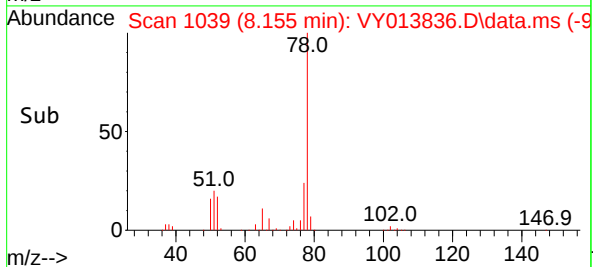
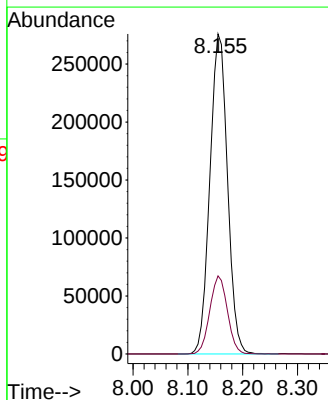
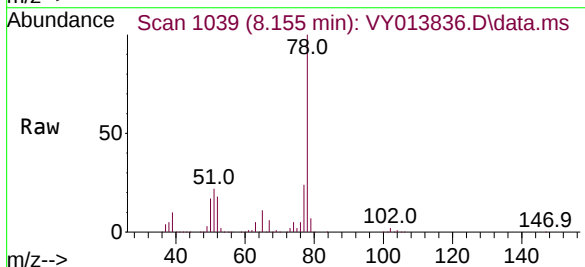
Acq: 23 May 2023 17:09

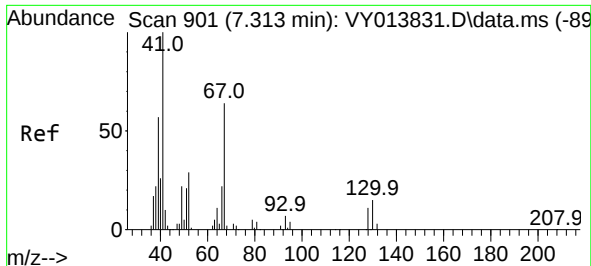
Tgt Ion: 78 Resp: 613413

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

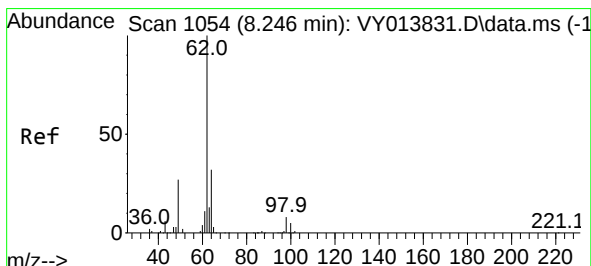
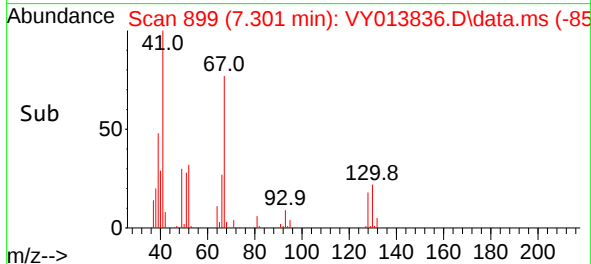
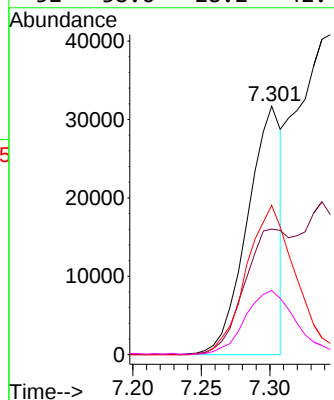
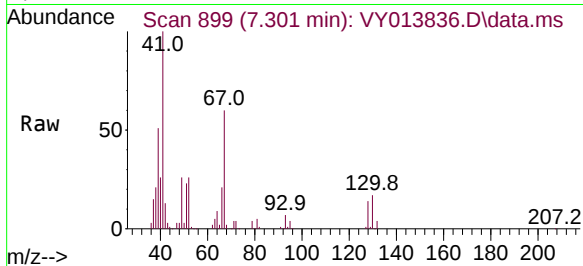




#41
Methacrylonitrile
Concen: 42.580 ug/l
RT: 7.301 min Scan# 89
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

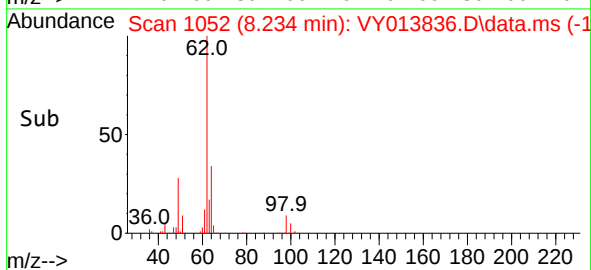
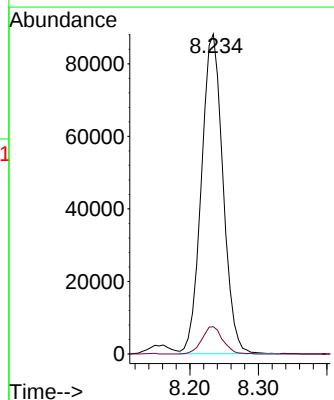
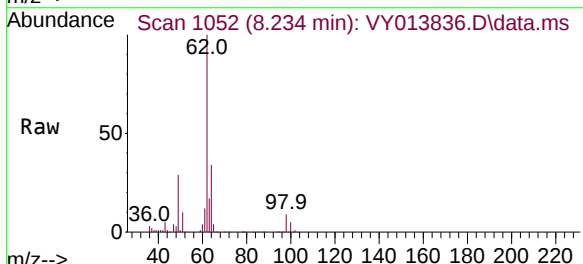
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

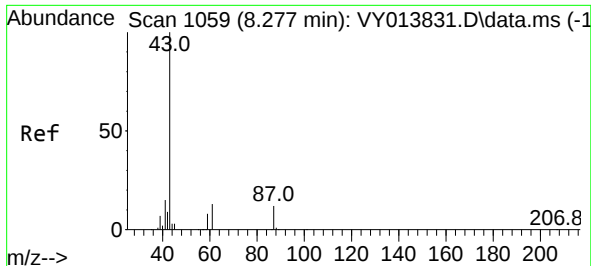
Tgt Ion:	41	Resp:	55048
Ion	Ratio	Lower	Upper
41	100		
39	65.4	44.1	66.1
67	87.8	63.7	95.5
52	38.6	28.2	42.4



#42
1,2-Dichloroethane
Concen: 52.787 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion:	62	Resp:	192827
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8

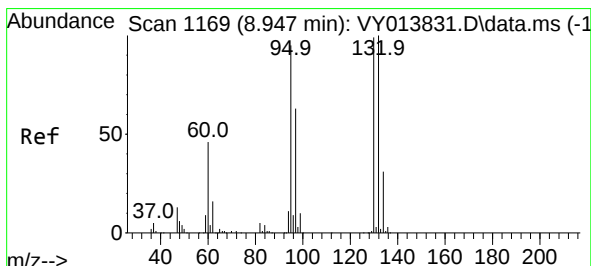
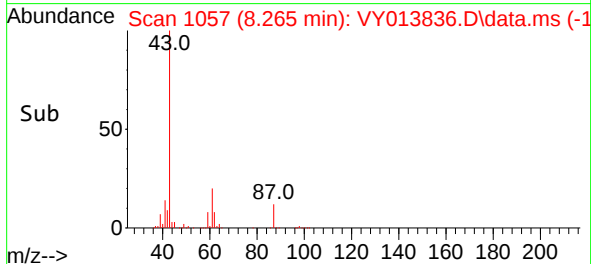
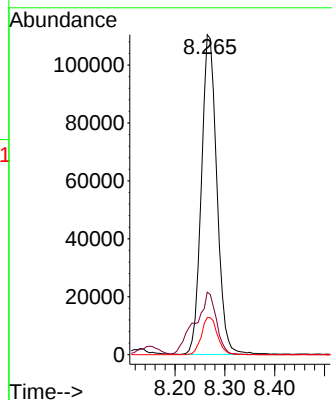
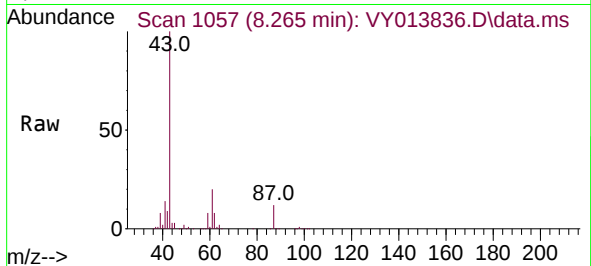




#43
Isopropyl Acetate
Concen: 55.066 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

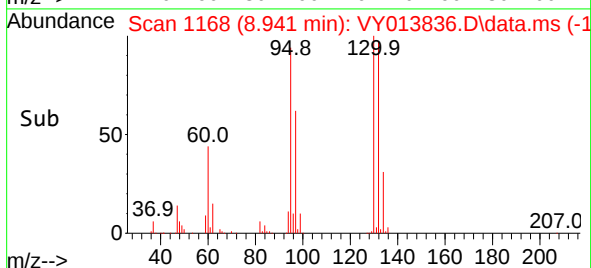
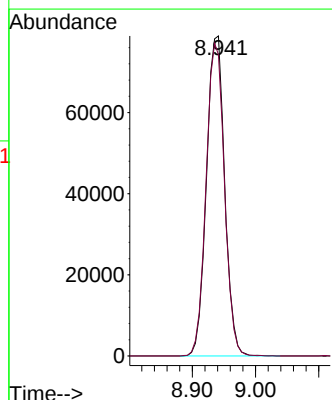
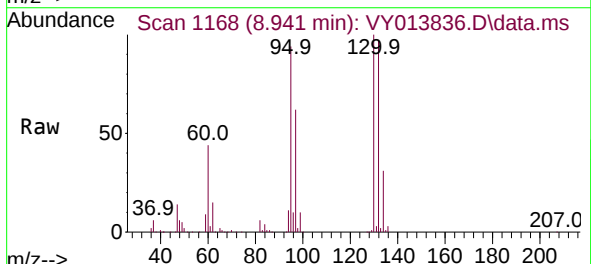
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052323

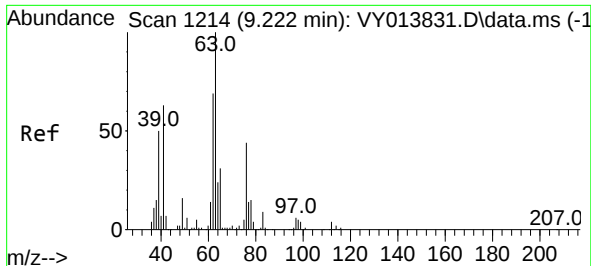
Tgt Ion: 43 Resp: 237763
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 52.606 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion:130 Resp: 158124
Ion Ratio Lower Upper
130 100
95 94.1 0.0 192.8





#45

1,2-Dichloropropane

Concen: 53.253 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

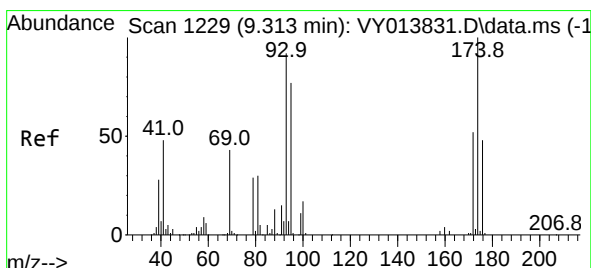
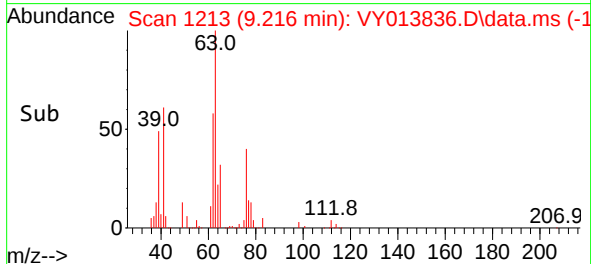
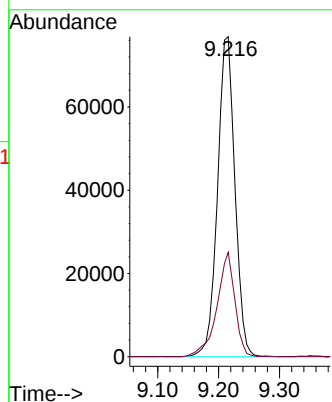
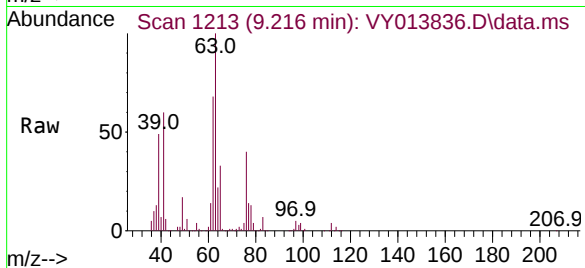
ICVVY052323

Tgt Ion: 63 Resp: 152201

Ion Ratio Lower Upper

63 100

65 32.6 24.7 37.1



#46

Dibromomethane

Concen: 52.729 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

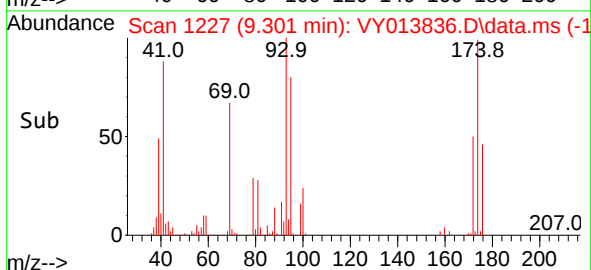
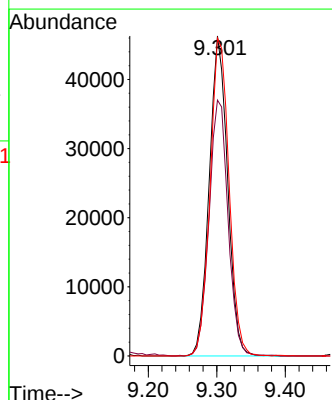
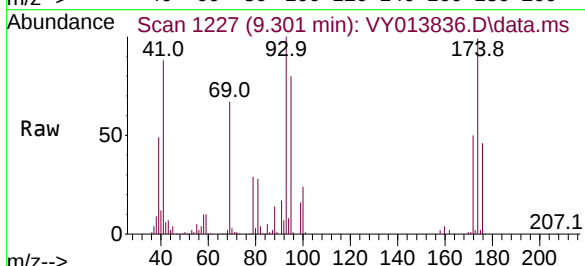
Tgt Ion: 93 Resp: 86310

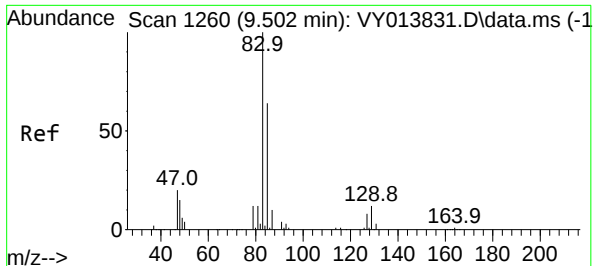
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 102.4 83.9 125.9

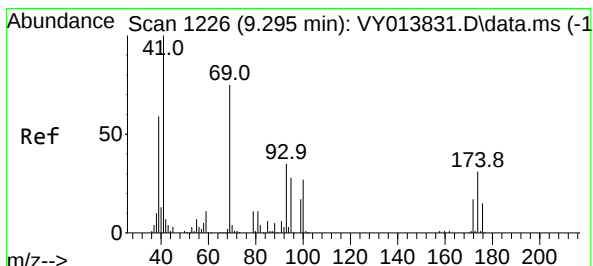
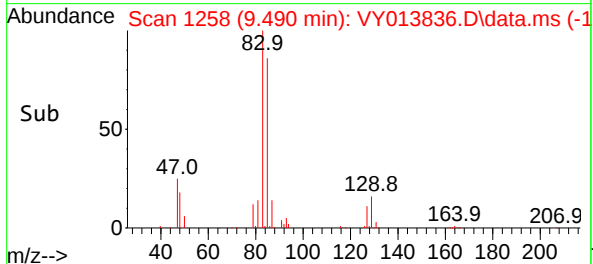
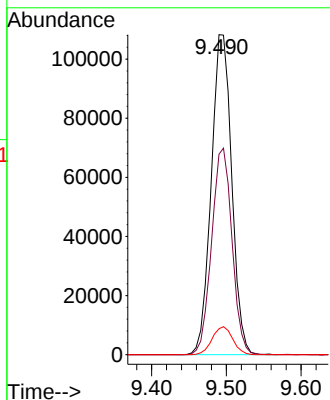
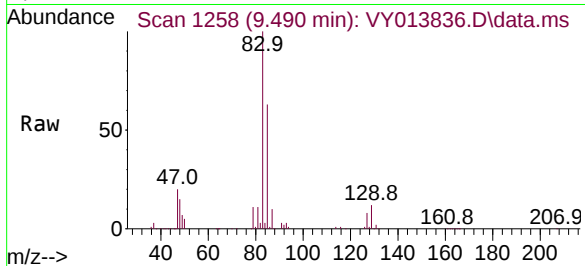




#47
Bromodichloromethane
Concen: 51.742 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.012 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

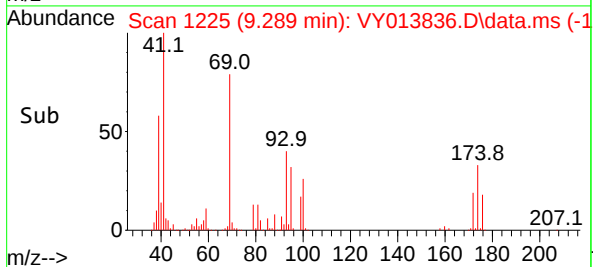
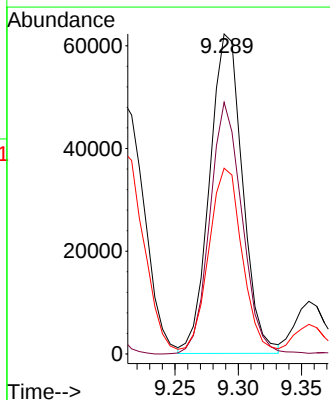
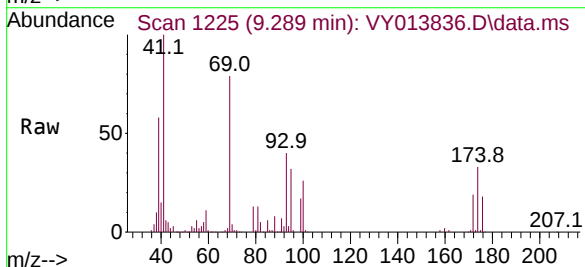
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

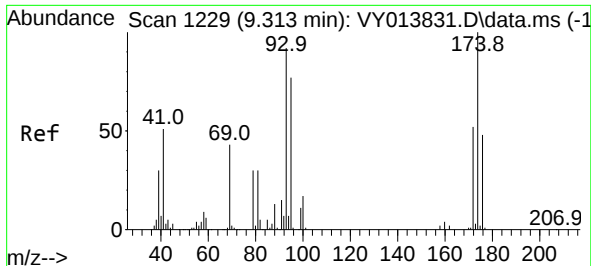
Tgt Ion: 83 Resp: 206400
Ion Ratio Lower Upper
83 100
85 62.6 51.5 77.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 55.576 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 41 Resp: 112681
Ion Ratio Lower Upper
41 100
69 77.0 62.0 93.0
39 56.6 45.7 68.5





#49

1,4-Dioxane

Concen: 1090.547 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052323

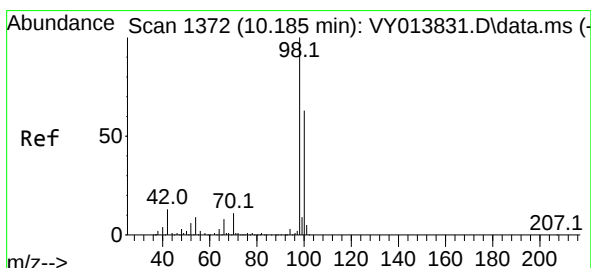
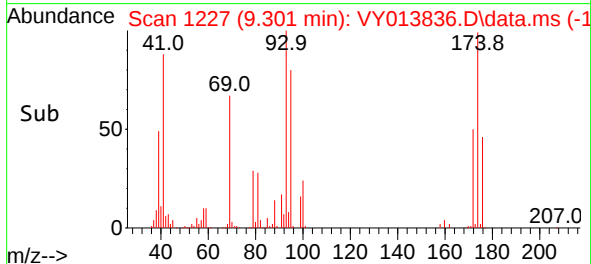
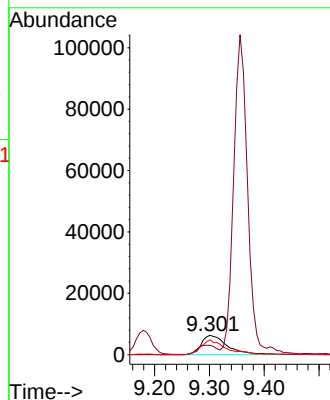
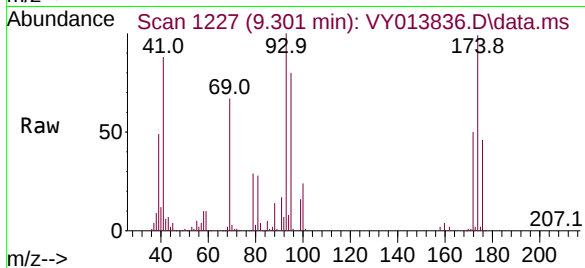
Tgt Ion: 88 Resp: 20979

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0#

58 73.1 59.0 88.6



#50

Toluene-d8

Concen: 48.650 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013836.D

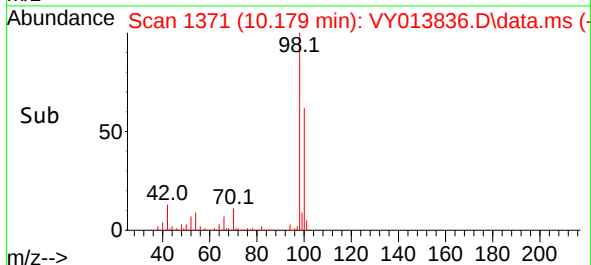
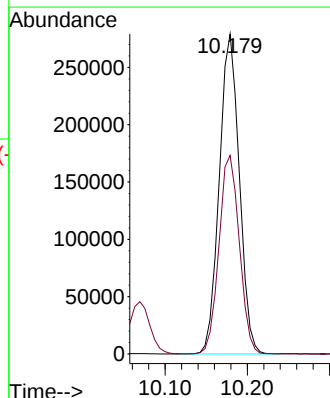
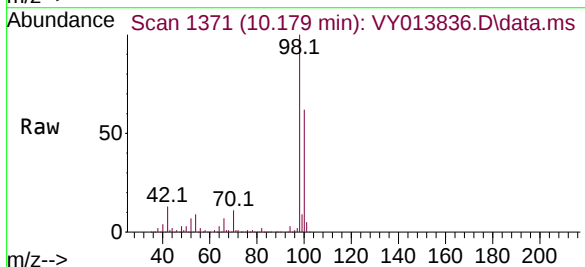
Acq: 23 May 2023 17:09

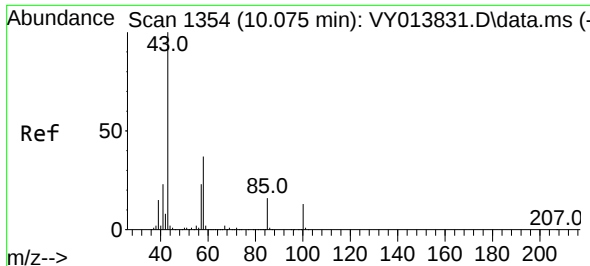
Tgt Ion: 98 Resp: 471553

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2

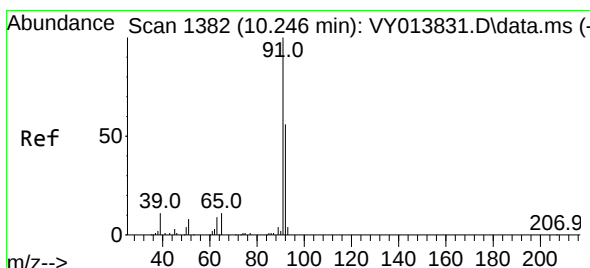
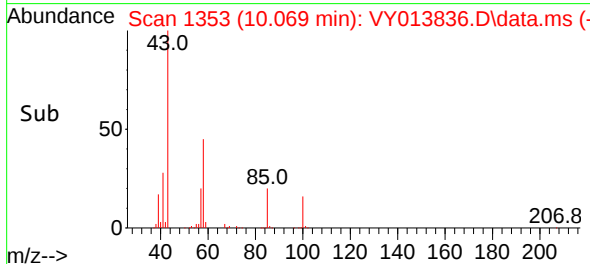
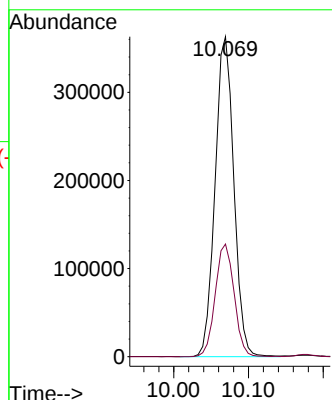
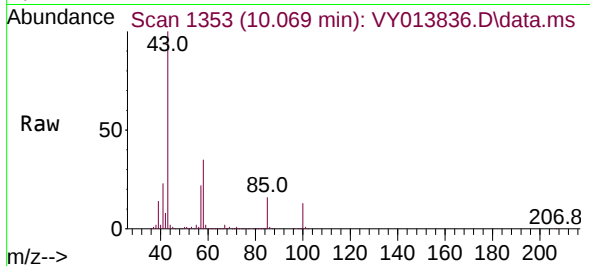




#51
4-Methyl-2-Pentanone
Concen: 274.550 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

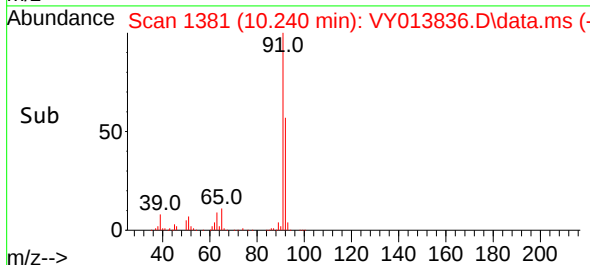
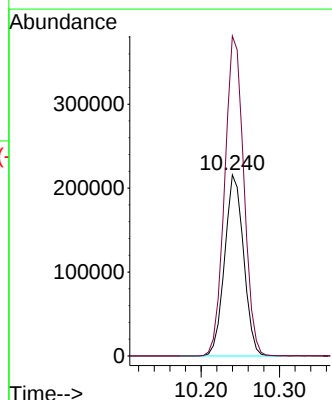
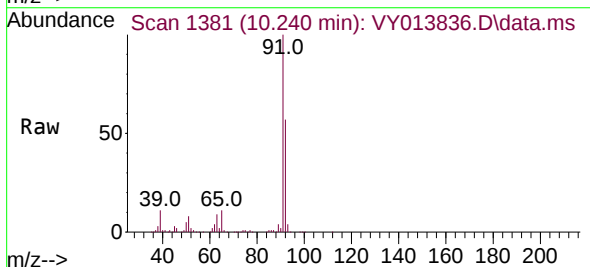
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

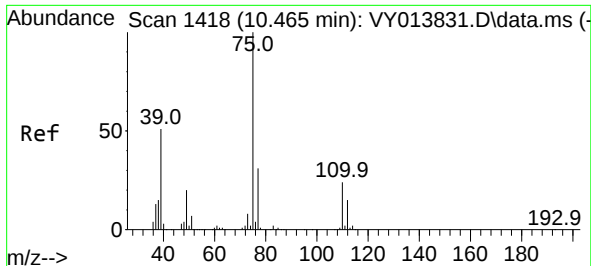
Tgt Ion: 43 Resp: 631745
Ion Ratio Lower Upper
43 100
58 35.6 29.1 43.7



#52
Toluene
Concen: 53.347 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 92 Resp: 362897
Ion Ratio Lower Upper
92 100
91 178.5 142.2 213.4

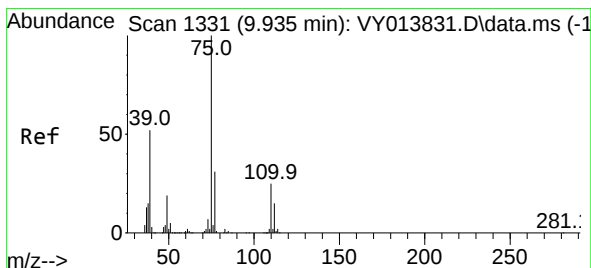
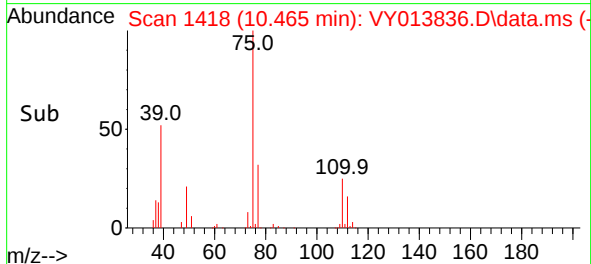
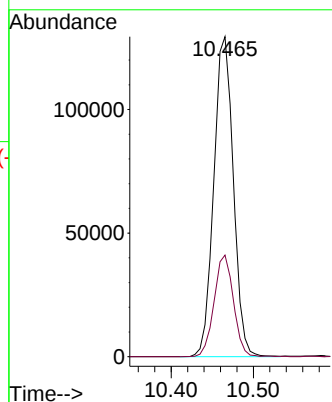
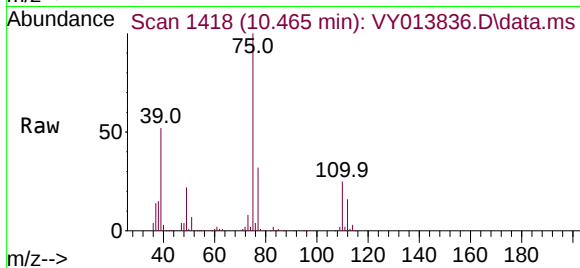




#53
t-1,3-Dichloropropene
Concen: 52.661 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

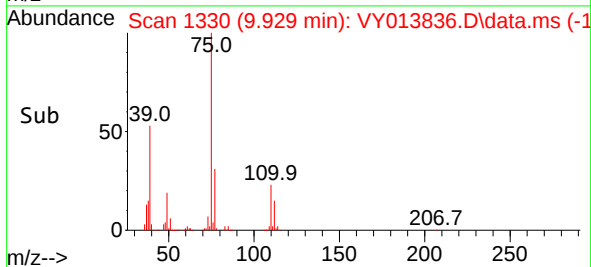
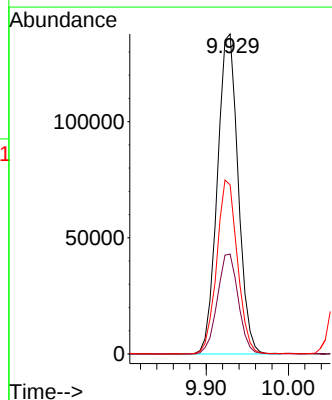
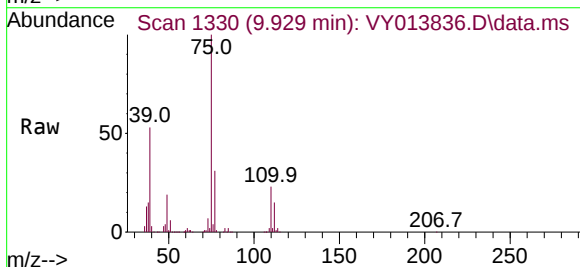
Instrument : MSVOA_Y
ClientSampleId : ICVVY052323

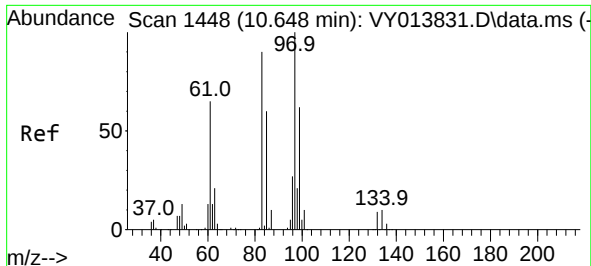
Tgt Ion: 75 Resp: 213829
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 53.190 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 75 Resp: 241958
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 52.8 41.8 62.8

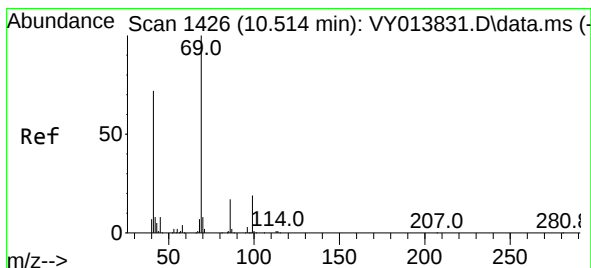
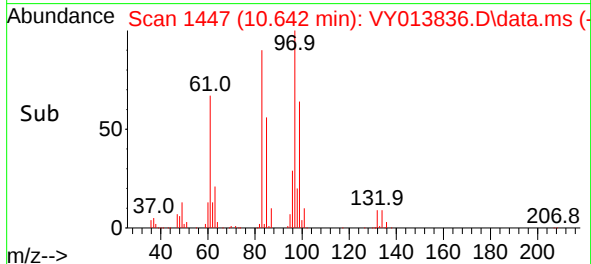
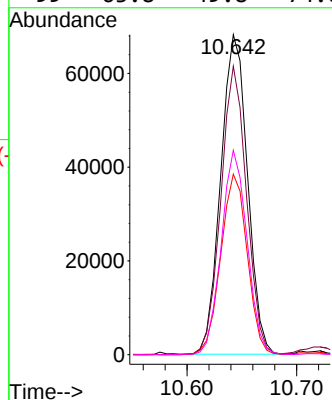
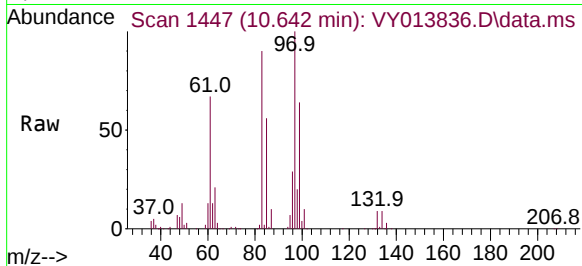




#55
1,1,2-Trichloroethane
Concen: 52.499 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

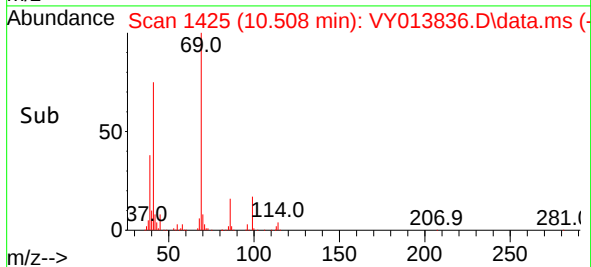
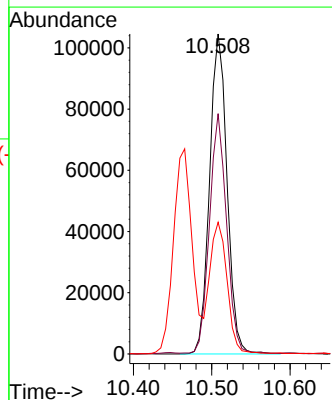
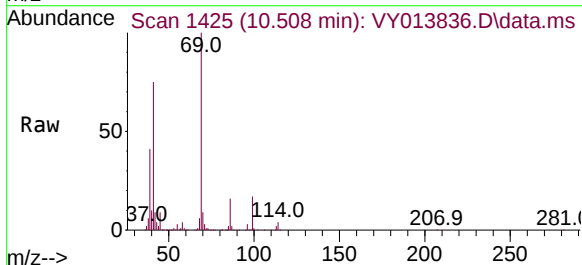
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

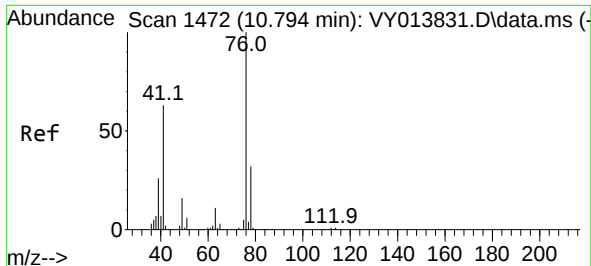
Tgt Ion: 97 Resp: 115610
Ion Ratio Lower Upper
97 100
83 90.3 71.9 107.9
85 56.5 47.6 71.4
99 63.8 49.8 74.6



#56
Ethyl methacrylate
Concen: 55.102 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 69 Resp: 161976
Ion Ratio Lower Upper
69 100
41 73.2 57.8 86.6
39 39.6 33.9 50.9





#57

1,3-Dichloropropane

Concen: 52.543 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

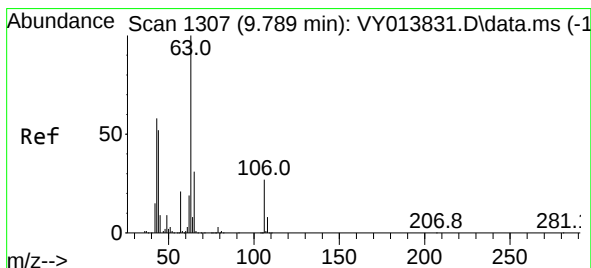
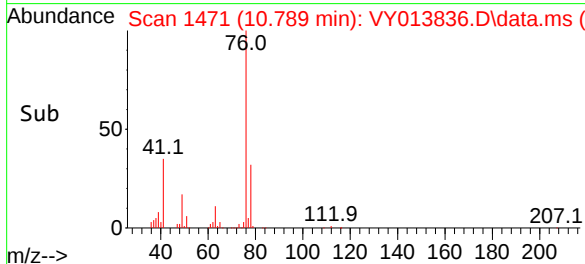
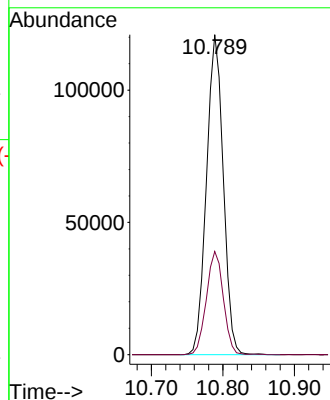
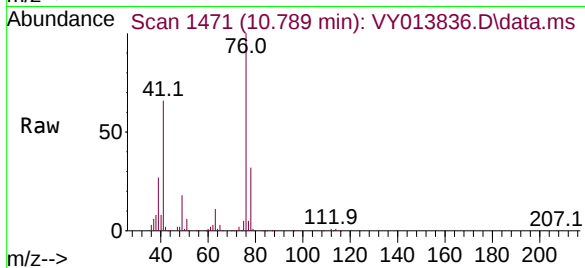
ICVVY052323

Tgt Ion: 76 Resp: 197057

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 224.419 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013836.D

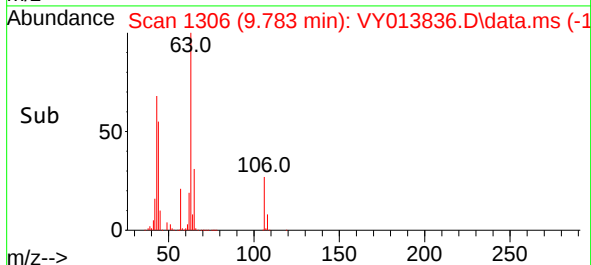
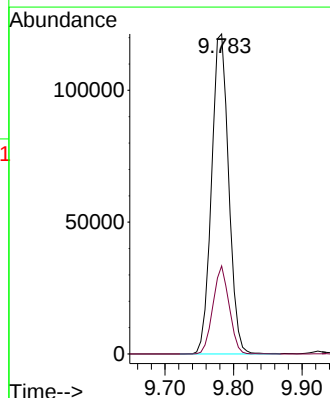
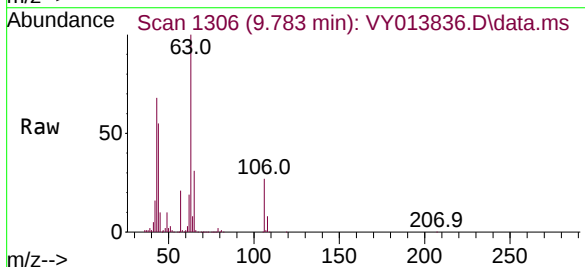
Acq: 23 May 2023 17:09

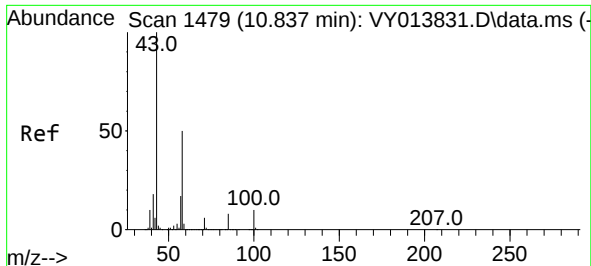
Tgt Ion: 63 Resp: 210494

Ion Ratio Lower Upper

63 100

106 25.9 21.3 31.9

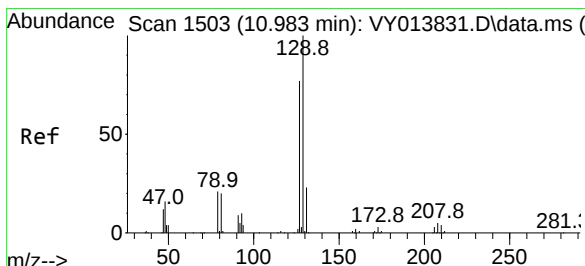
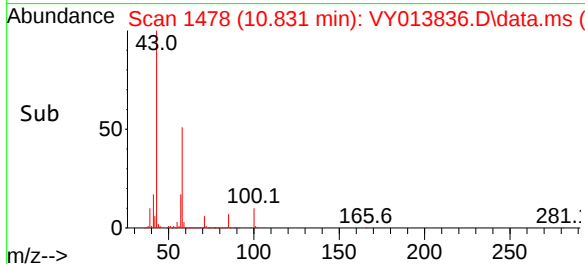
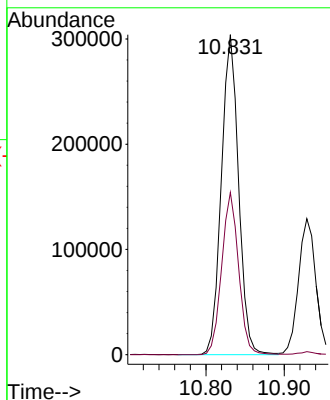
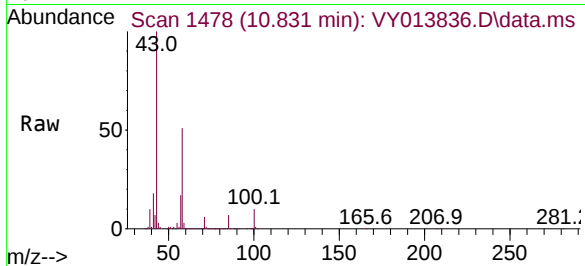




#59
2-Hexanone
Concen: 284.000 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

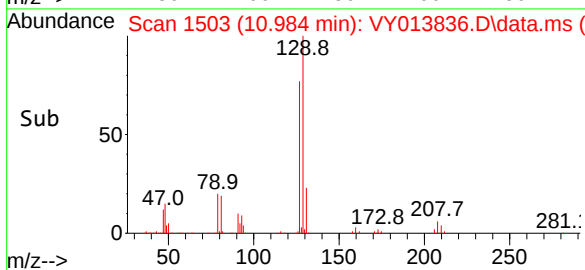
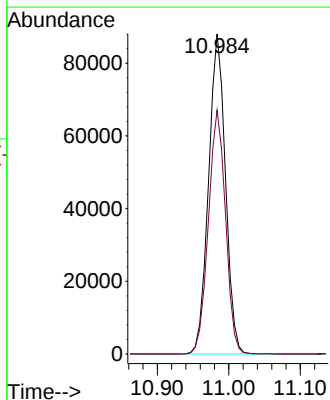
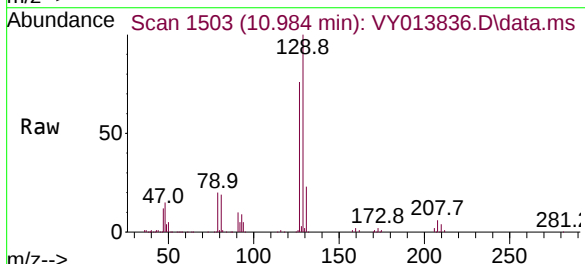
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

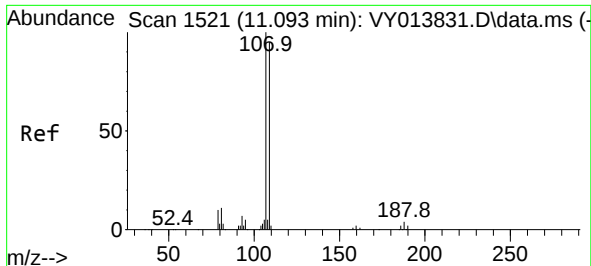
Tgt Ion: 43 Resp: 464838
Ion Ratio Lower Upper
43 100
58 49.8 24.8 74.3



#60
Dibromochloromethane
Concen: 51.777 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion:129 Resp: 144232
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

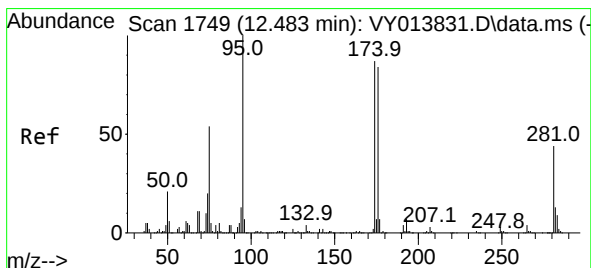
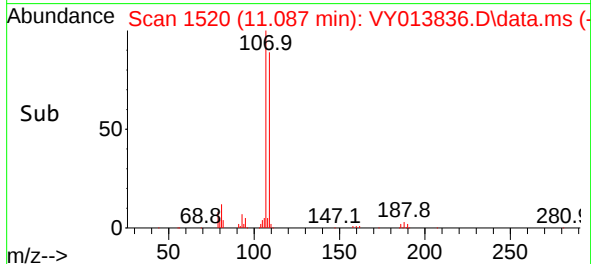
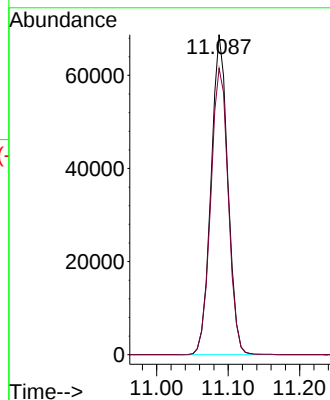
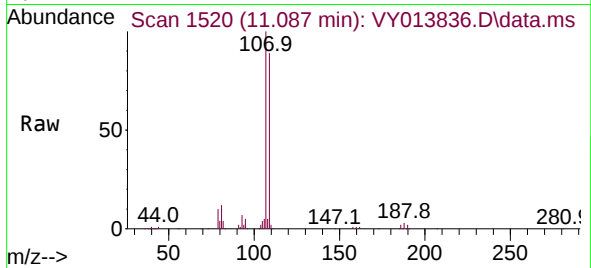




#61
1,2-Dibromoethane
Concen: 53.539 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

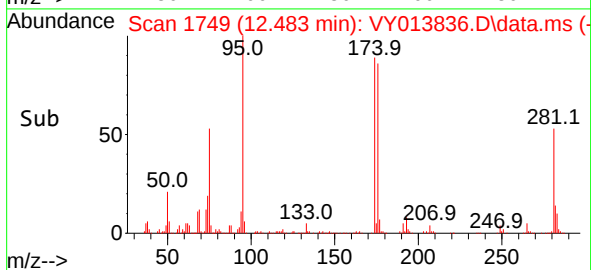
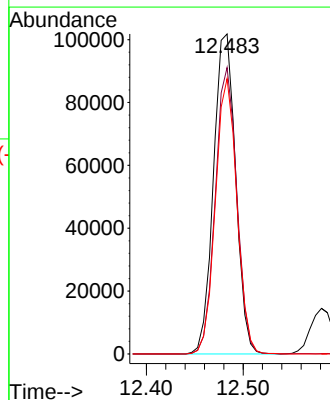
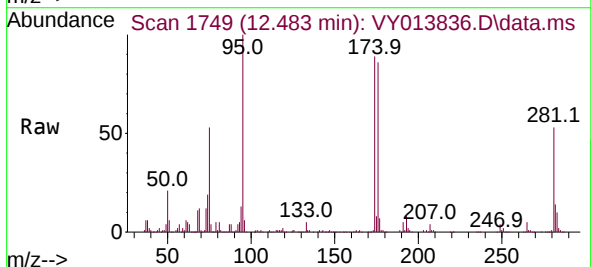
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

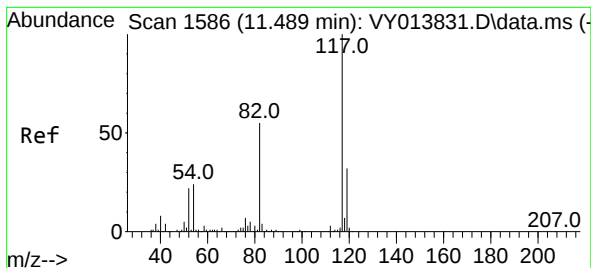
Tgt Ion:107 Resp: 112157
Ion Ratio Lower Upper
107 100
109 93.3 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 50.244 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 95 Resp: 161881
Ion Ratio Lower Upper
95 100
174 86.8 0.0 176.0
176 83.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052323

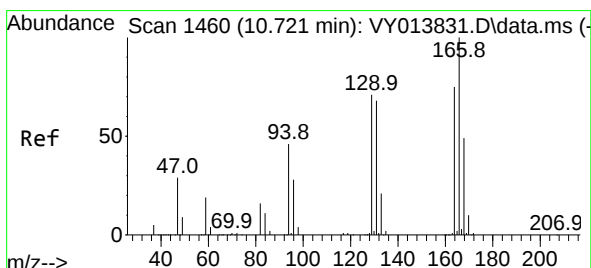
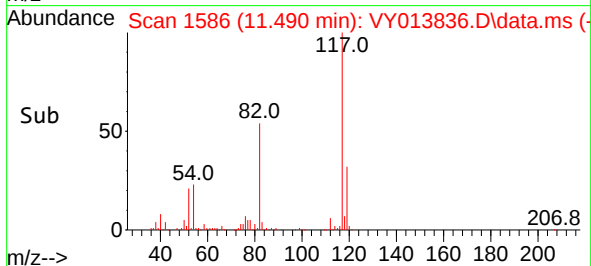
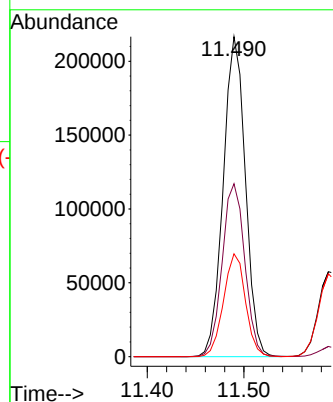
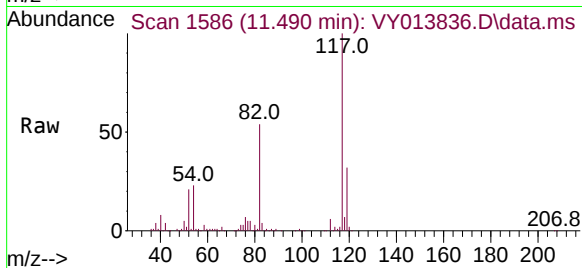
Tgt Ion:117 Resp: 344228

Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.4

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 52.239 ug/l

RT: 10.722 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Tgt Ion:164 Resp: 133050

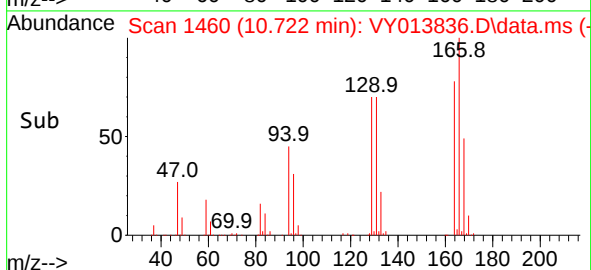
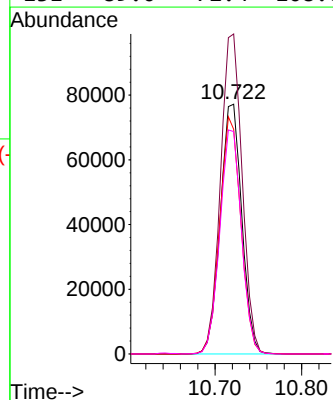
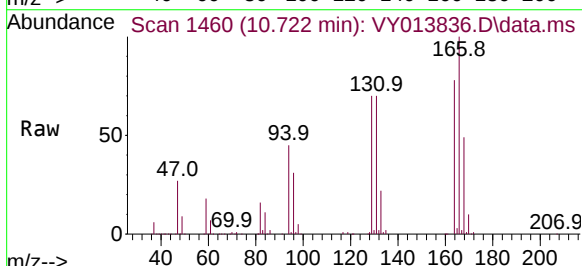
Ion Ratio Lower Upper

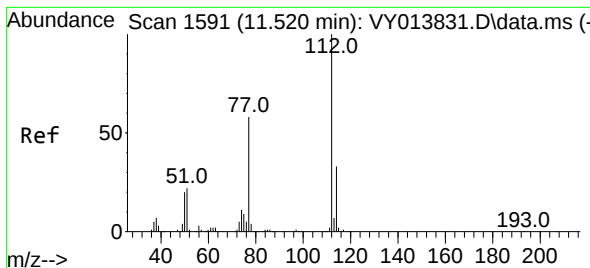
164 100

166 128.1 106.2 159.2

129 89.9 75.4 113.0

131 89.0 72.4 108.6

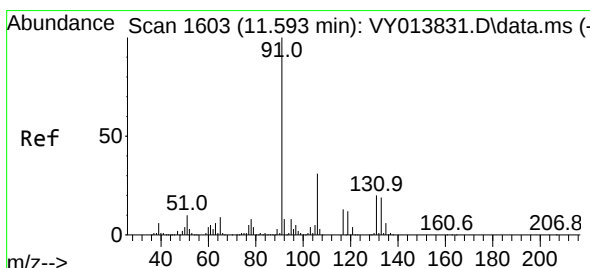
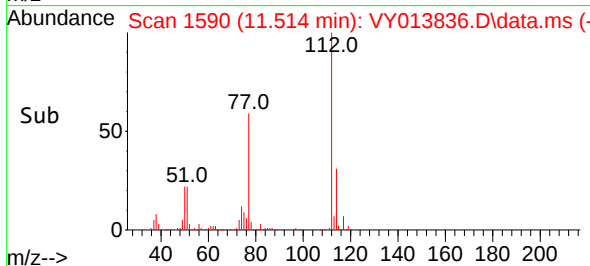
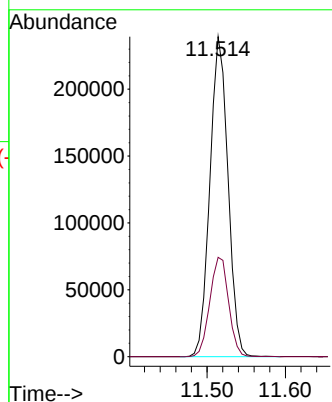
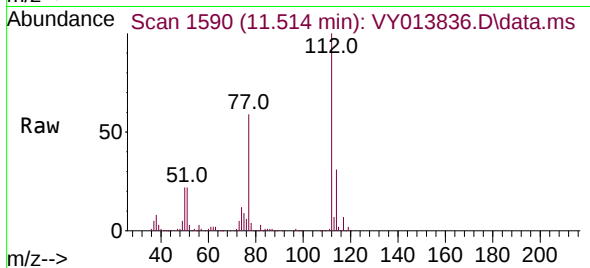




#65
Chlorobenzene
Concen: 53.190 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

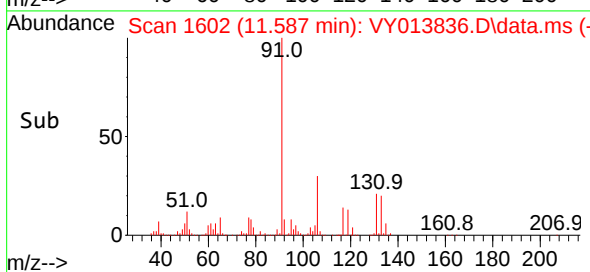
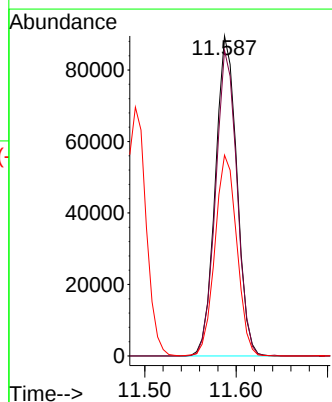
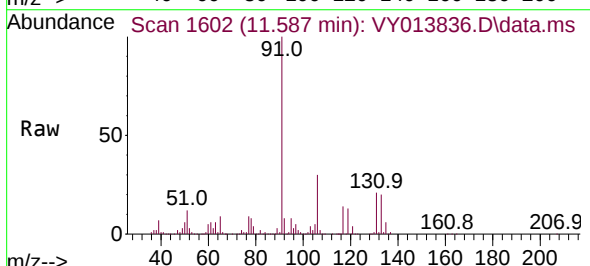
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

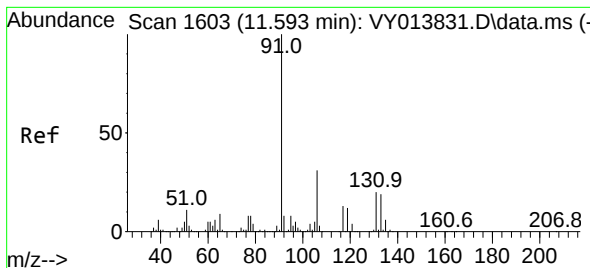
Tgt Ion:112 Resp: 383743
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.599 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion:131 Resp: 146462
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.0 32.1 96.5

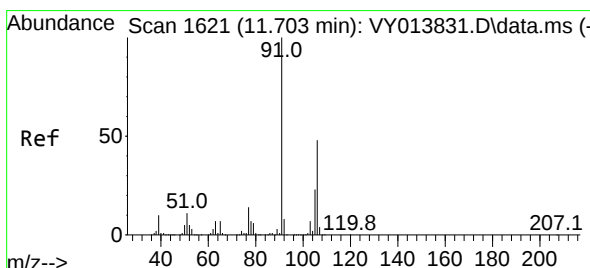
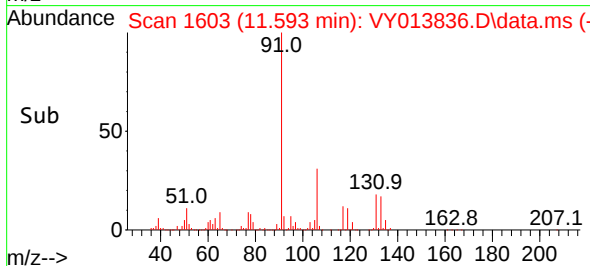
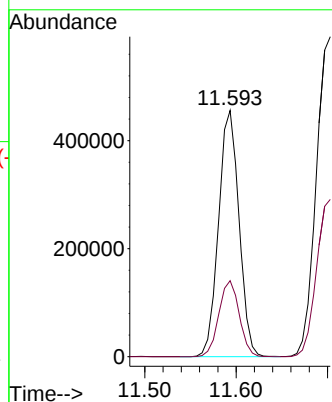
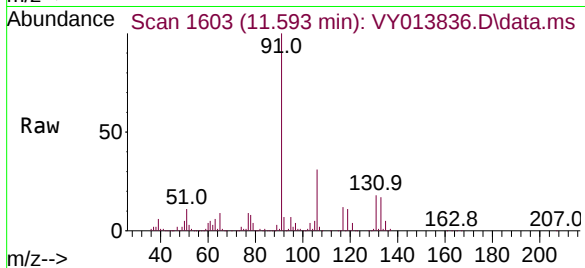




#67
Ethyl Benzene
Concen: 54.603 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

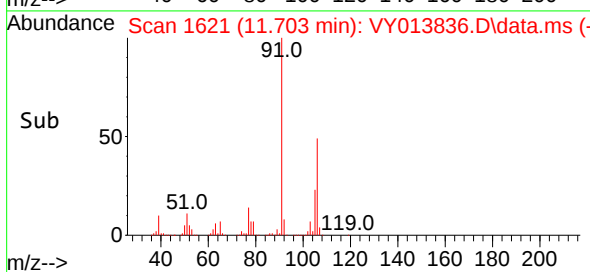
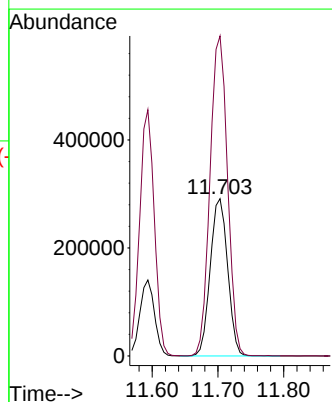
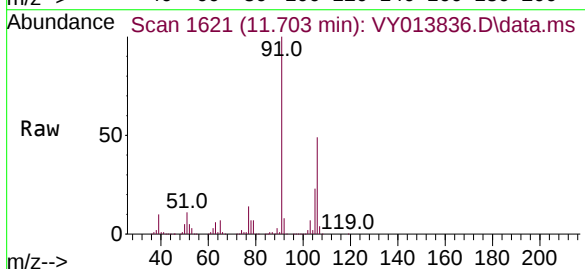
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

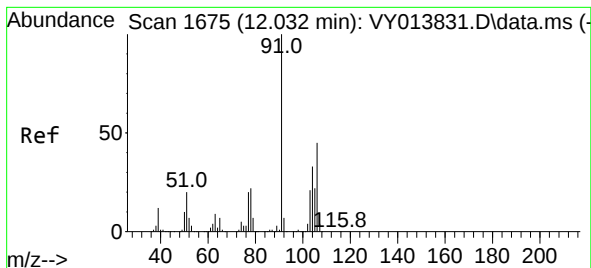
Tgt Ion: 91 Resp: 708920
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 109.131 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 106 Resp: 536201
Ion Ratio Lower Upper
106 100
91 204.4 164.9 247.3





#69

o-Xylene

Concen: 54.236 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

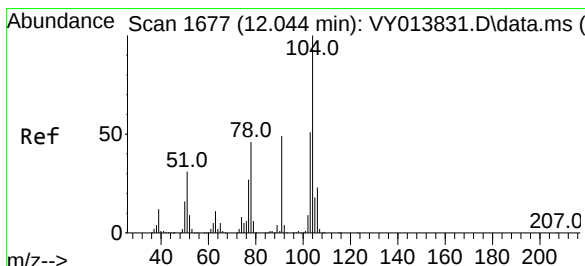
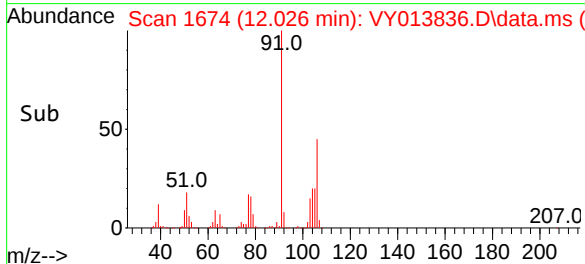
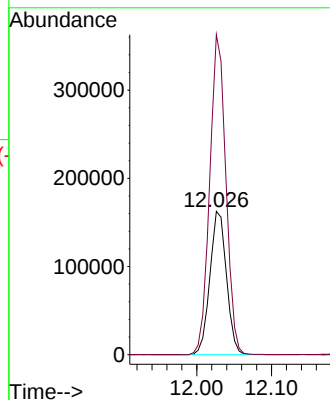
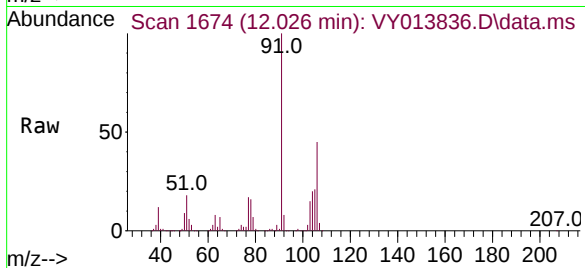
ICVVY052323

Tgt Ion:106 Resp: 251016

Ion Ratio Lower Upper

106 100

91 218.1 109.0 327.0



#70

Styrene

Concen: 53.832 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

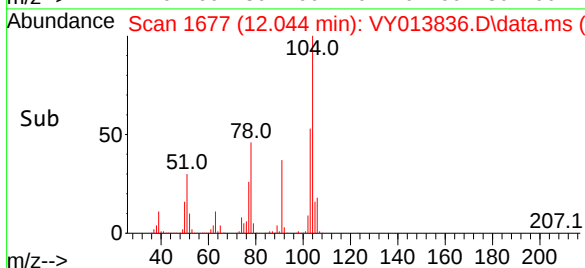
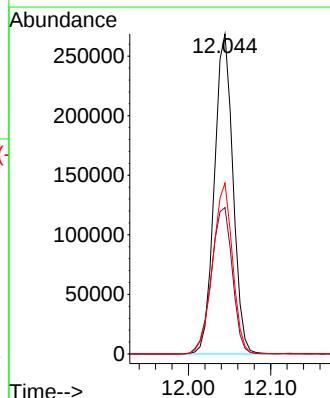
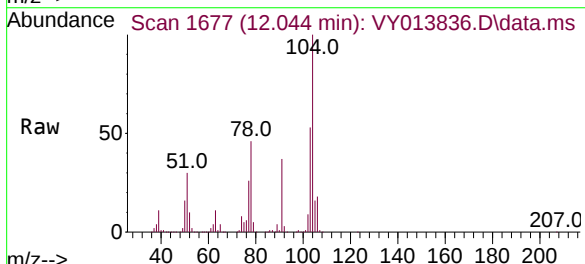
Tgt Ion:104 Resp: 422033

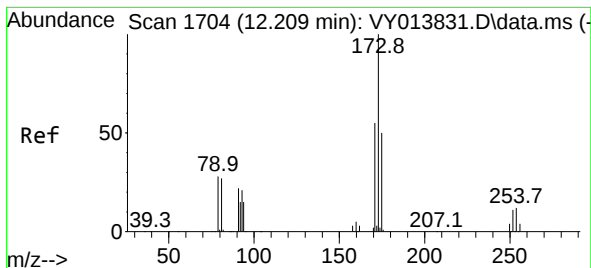
Ion Ratio Lower Upper

104 100

78 52.1 40.8 61.2

103 57.0 44.2 66.4





#71

Bromoform

Concen: 51.858 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

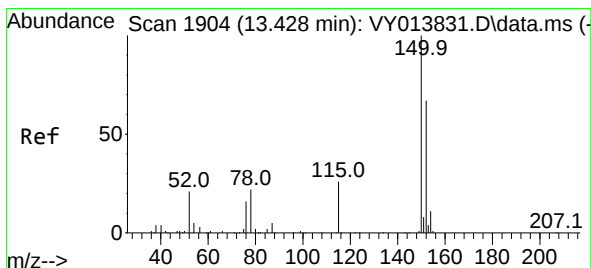
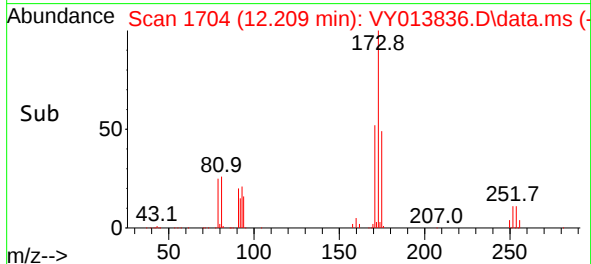
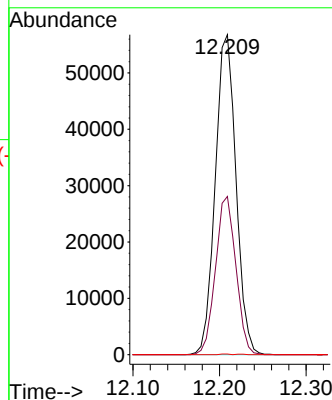
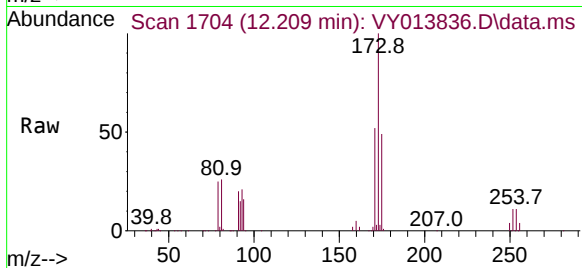
Tgt Ion:173 Resp: 94378

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

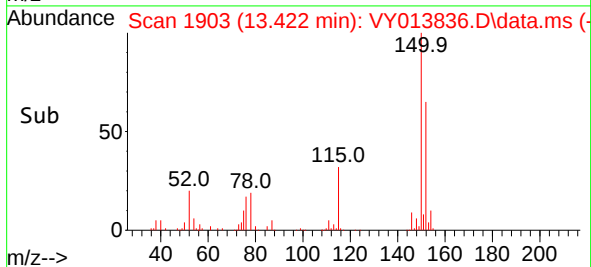
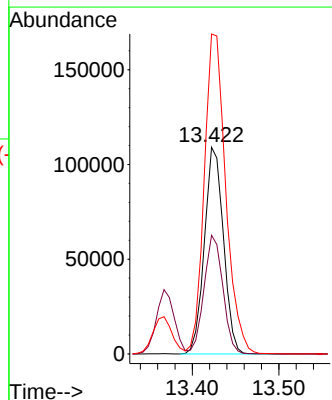
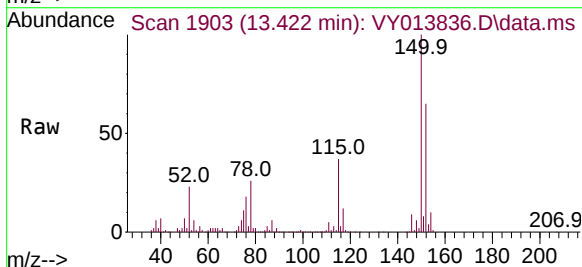
Tgt Ion:152 Resp: 166759

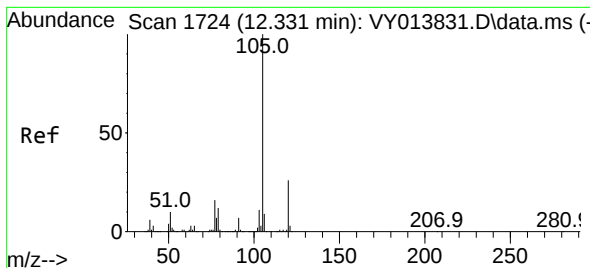
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 175.0 0.0 353.4





#73

Isopropylbenzene

Concen: 53.914 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

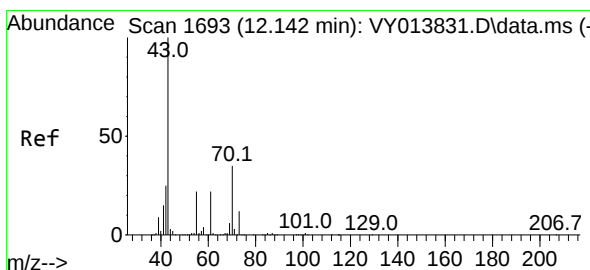
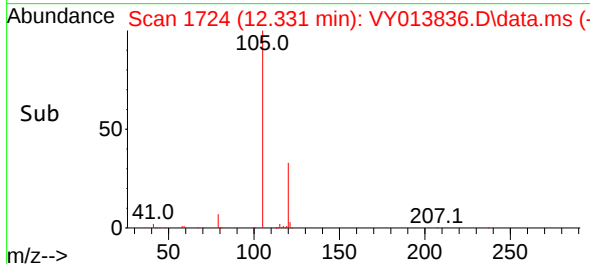
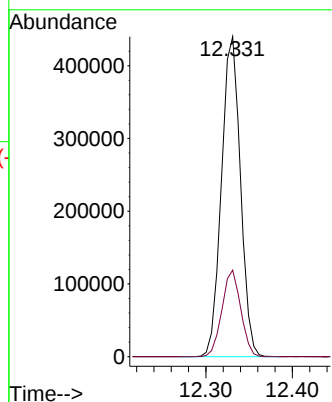
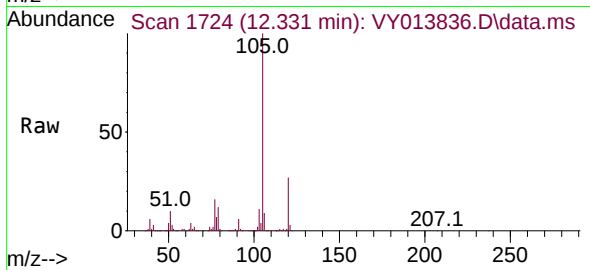
ICVY052323

Tgt Ion:105 Resp: 669168

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 55.804 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Tgt Ion: 43 Resp: 208239

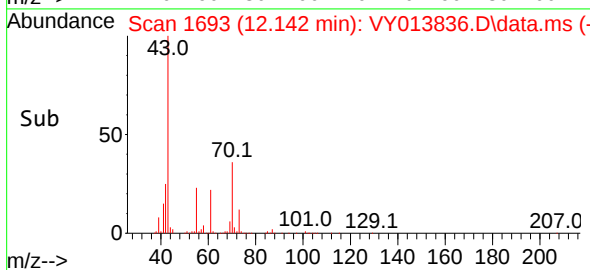
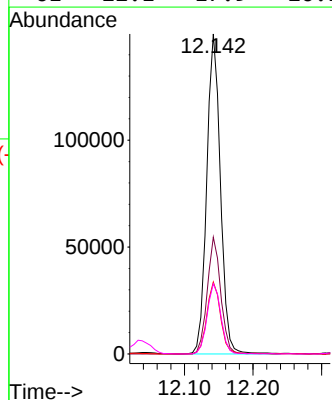
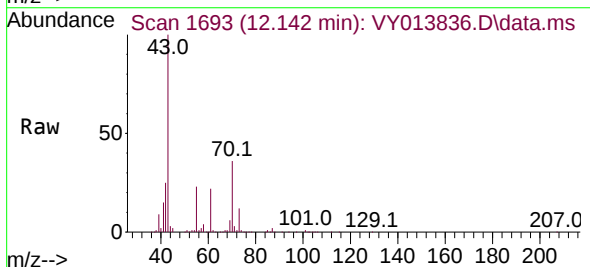
Ion Ratio Lower Upper

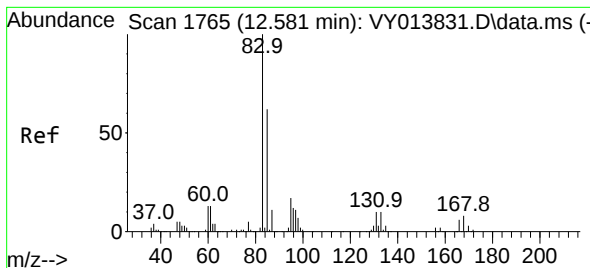
43 100

70 36.0 29.3 43.9

55 22.7 18.0 27.0

61 22.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.283 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

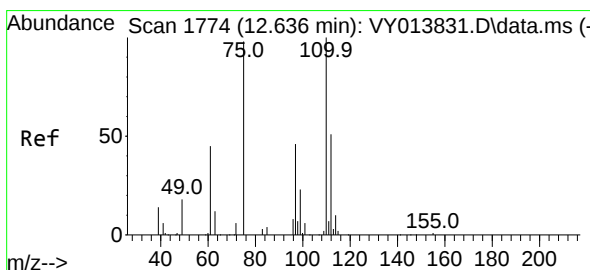
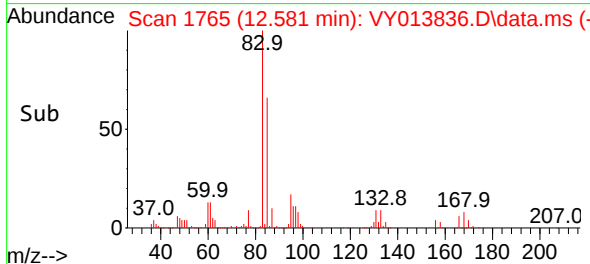
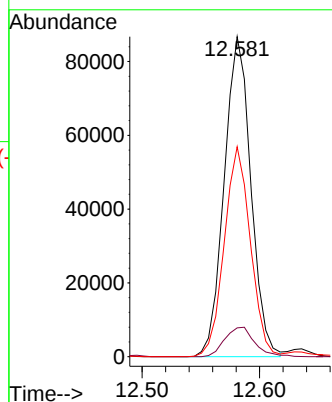
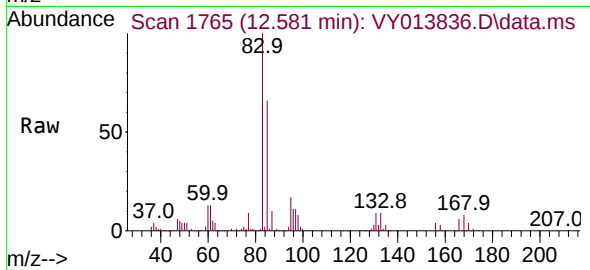
Tgt Ion: 83 Resp: 136902

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 93.295 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013836.D

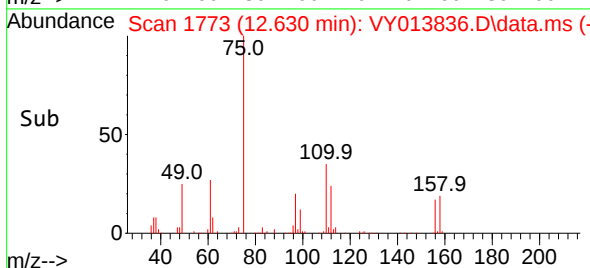
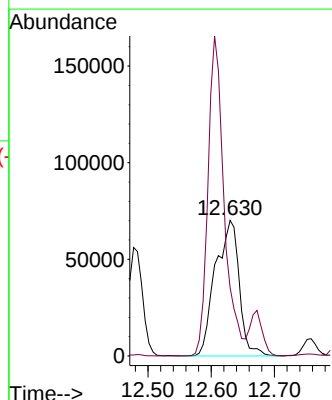
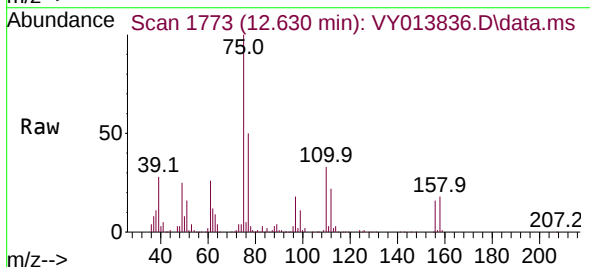
Acq: 23 May 2023 17:09

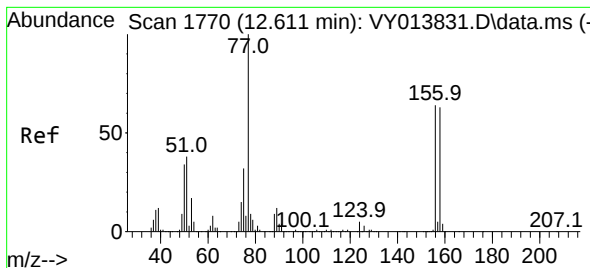
Tgt Ion: 75 Resp: 183448

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.810 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052323

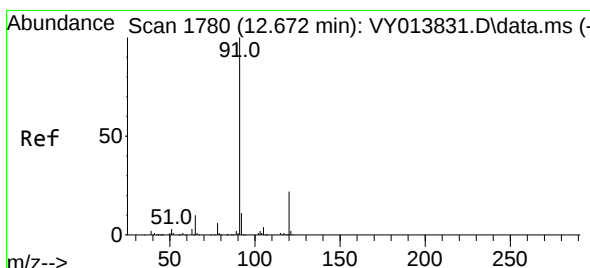
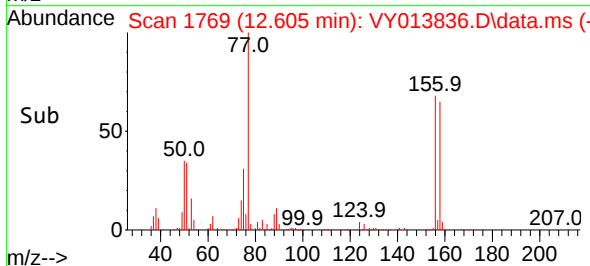
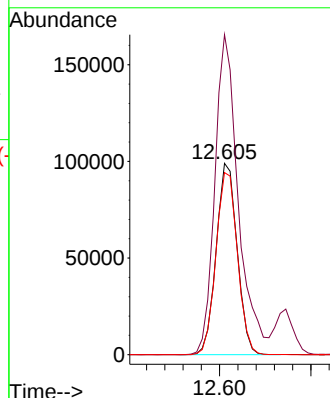
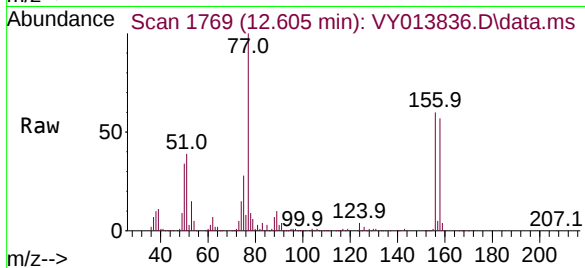
Tgt Ion:156 Resp: 157785

Ion Ratio Lower Upper

156 100

77 187.6 91.6 274.8

158 97.7 48.9 146.6



#78

n-propylbenzene

Concen: 54.415 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013836.D

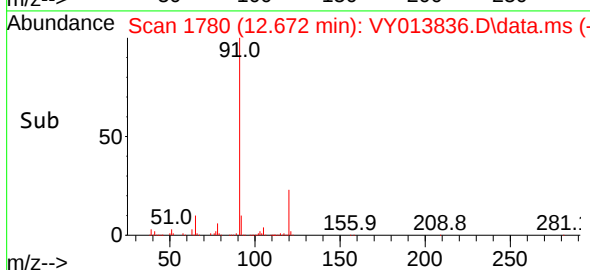
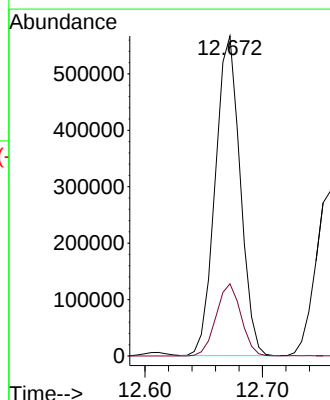
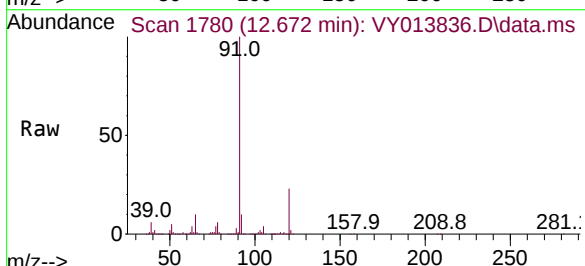
Acq: 23 May 2023 17:09

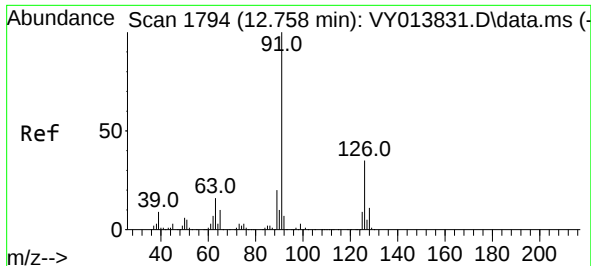
Tgt Ion: 91 Resp: 834373

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

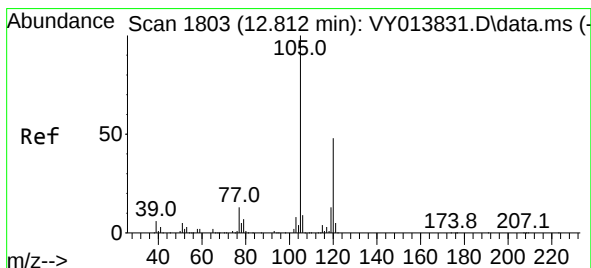
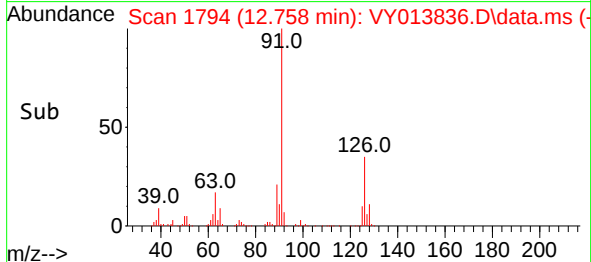
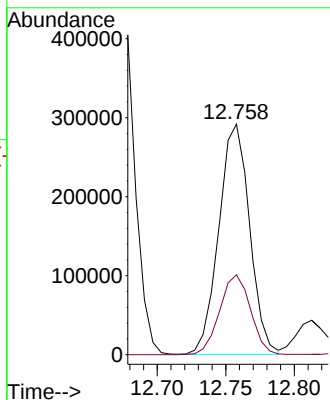
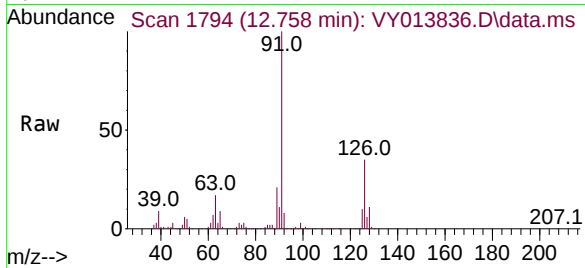




#79
2-Chlorotoluene
Concen: 53.248 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

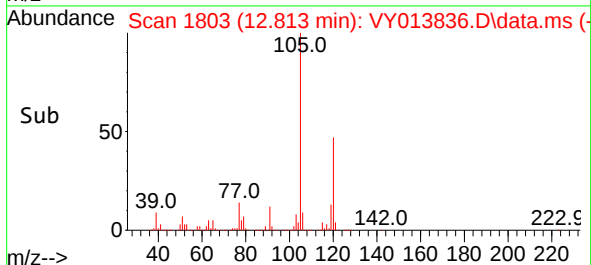
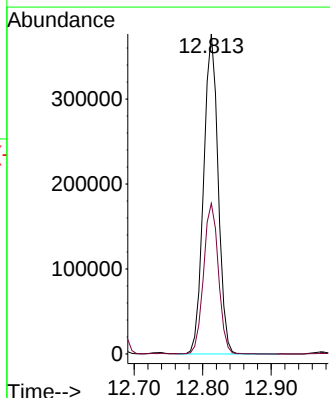
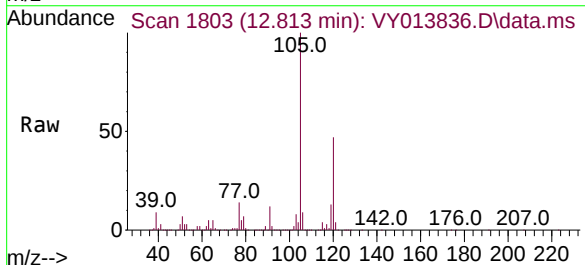
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

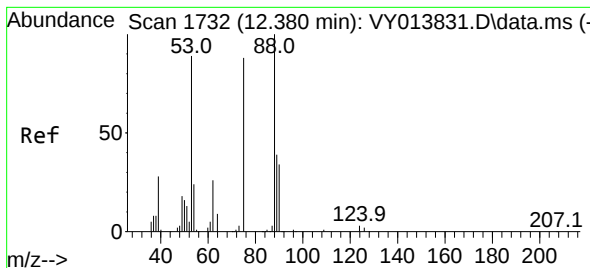
Tgt Ion: 91 Resp: 456060
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 54.067 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 105 Resp: 553933
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

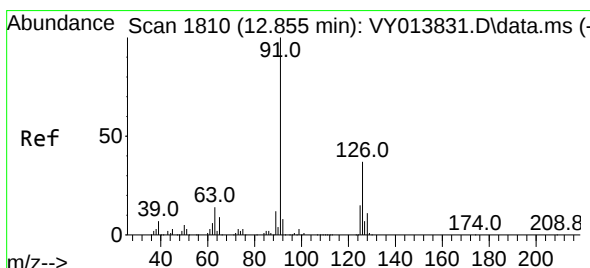
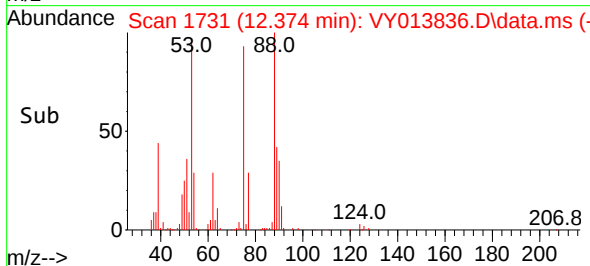
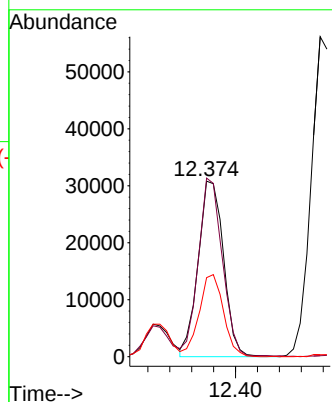
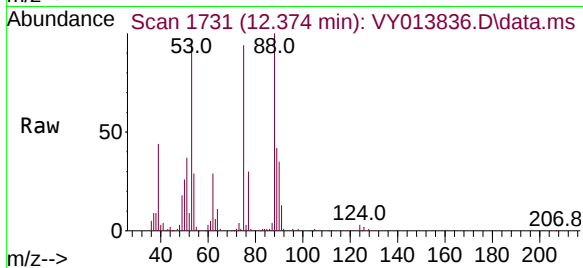




#81
trans-1,4-Dichloro-2-butene
Concen: 54.687 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

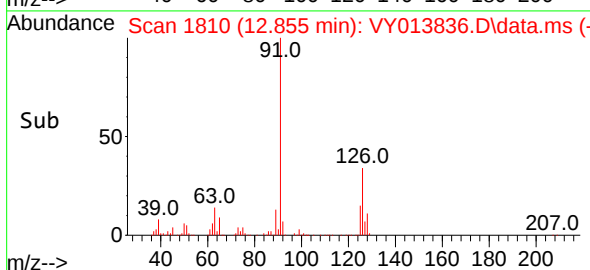
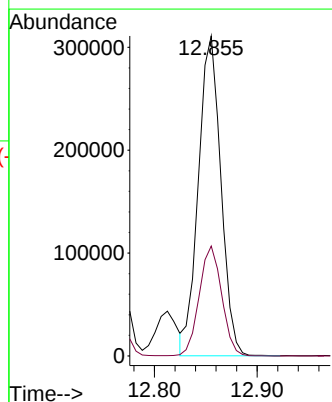
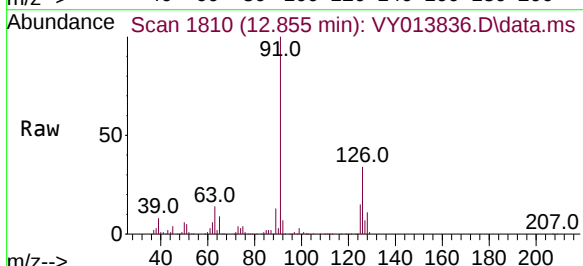
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052323

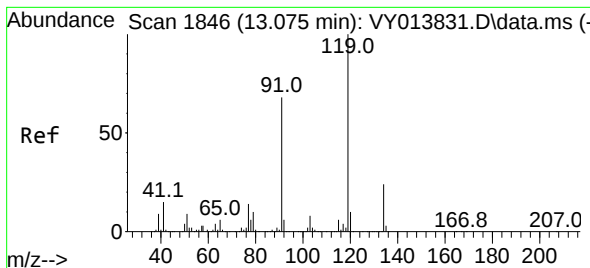
Tgt Ion: 75 Resp: 49538
Ion Ratio Lower Upper
75 100
53 97.0 79.7 119.5
89 44.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 53.468 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013836.D
Acq: 23 May 2023 17:09

Tgt Ion: 91 Resp: 473328
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.7





#83

tert-Butylbenzene

Concen: 53.860 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052323

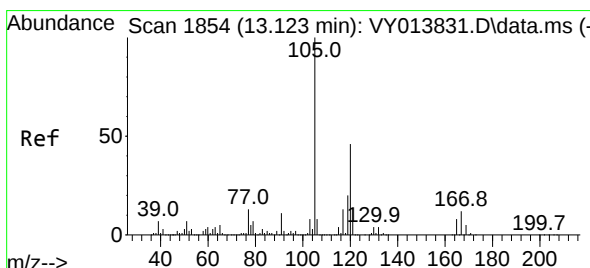
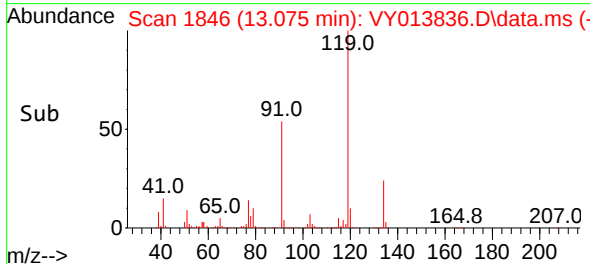
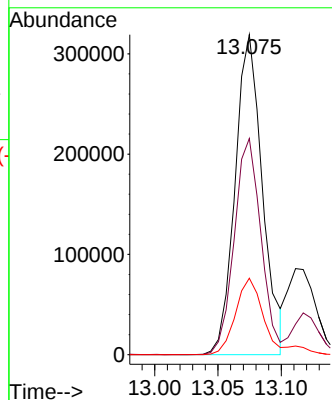
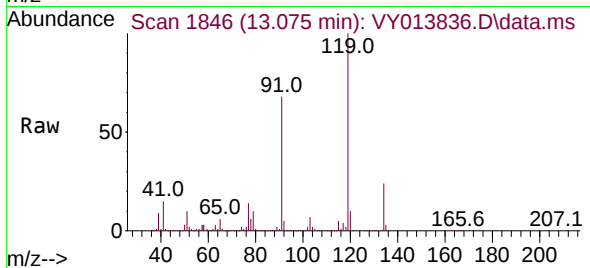
Tgt Ion:119 Resp: 480603

Ion Ratio Lower Upper

119 100

91 66.0 33.7 101.0

134 25.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 53.819 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013836.D

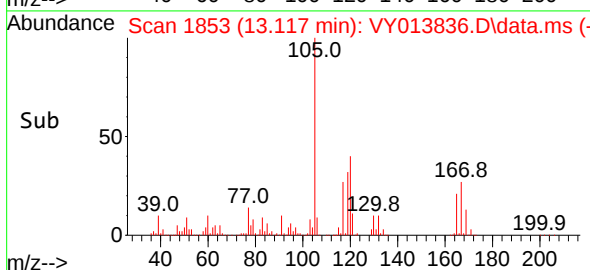
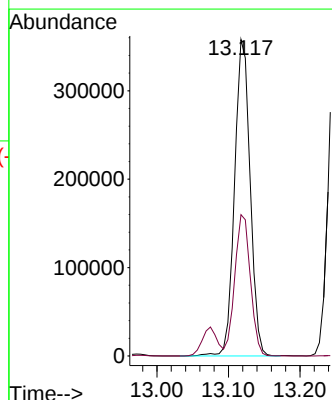
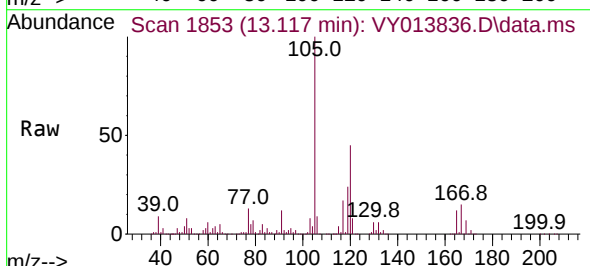
Acq: 23 May 2023 17:09

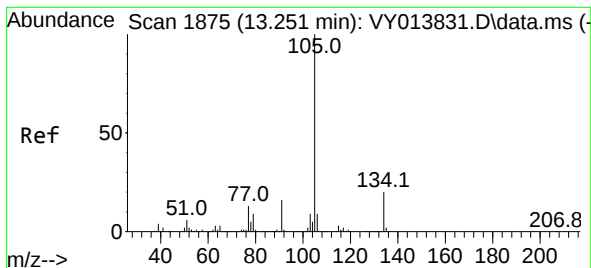
Tgt Ion:105 Resp: 541247

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 53.704 ug/l

RT: 13.252 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

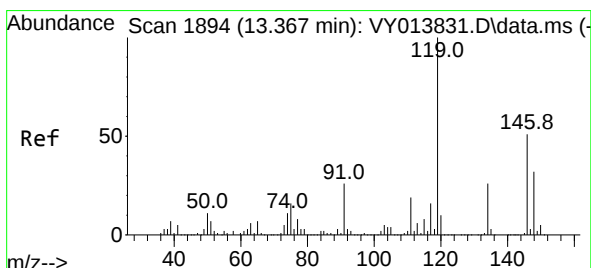
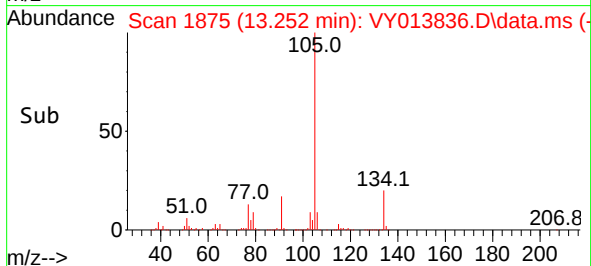
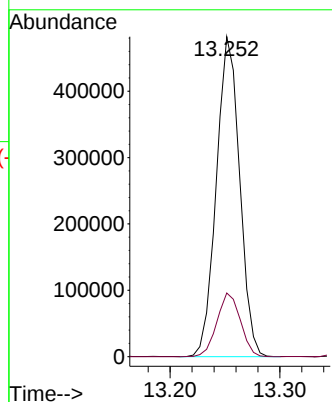
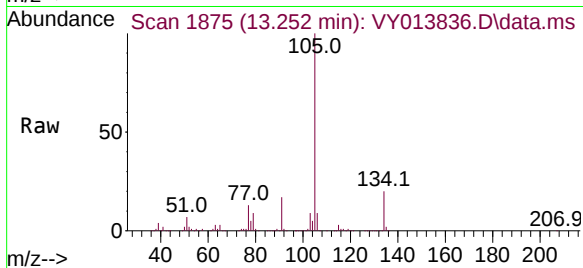
ICVVY052323

Tgt Ion:105 Resp: 711853

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 54.466 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

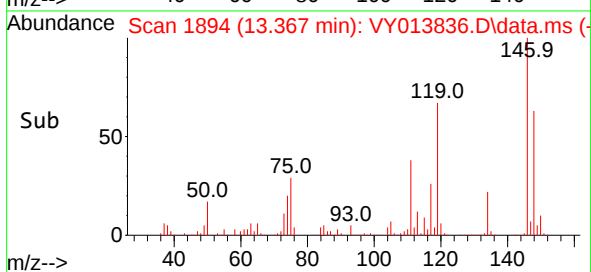
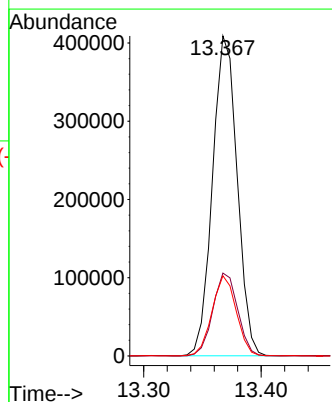
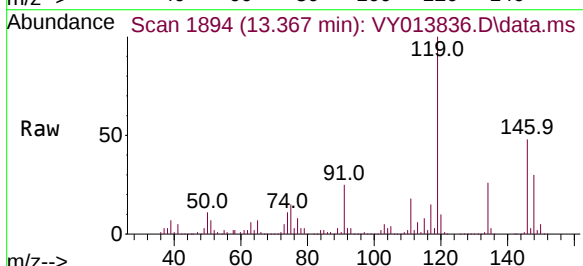
Tgt Ion:119 Resp: 596706

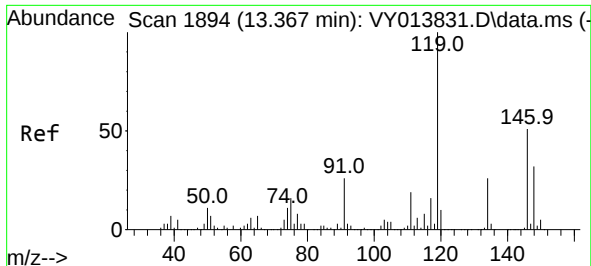
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 24.6 12.4 37.4

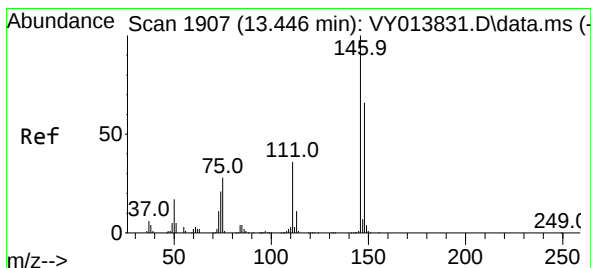
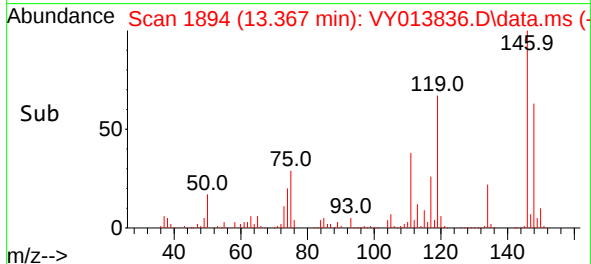
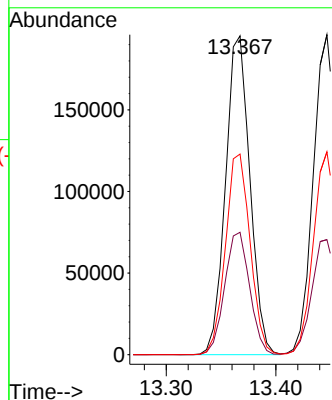
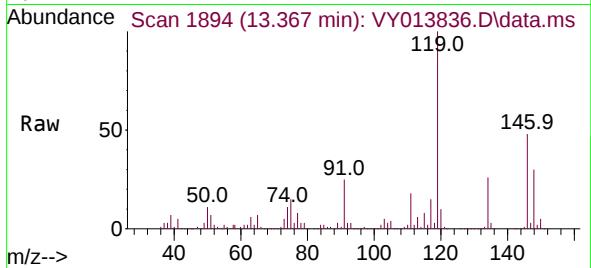




#87
 1,3-Dichlorobenzene
 Concen: 51.350 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013836.D
 Acq: 23 May 2023 17:09

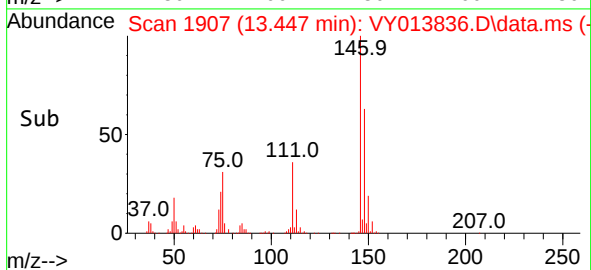
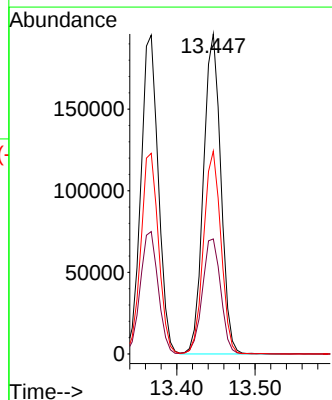
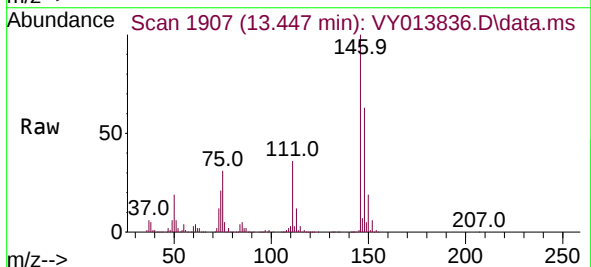
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052323

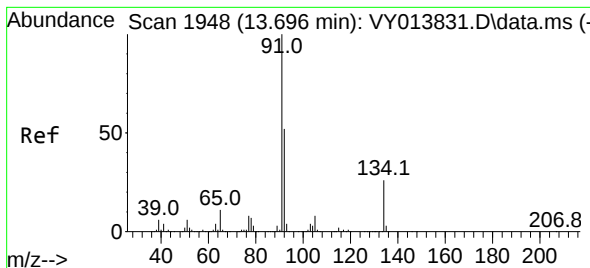
Tgt Ion:146 Resp: 302047
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.5
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.553 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013836.D
 Acq: 23 May 2023 17:09

Tgt Ion:146 Resp: 301900
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.6 55.8
 148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 54.646 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

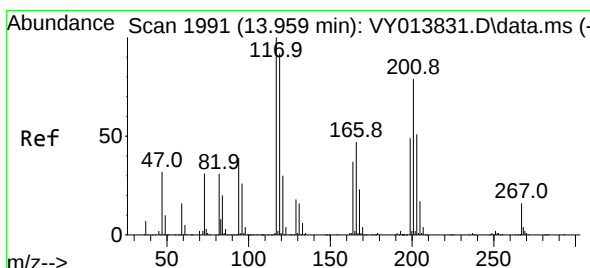
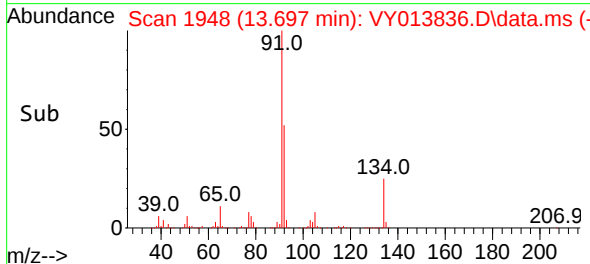
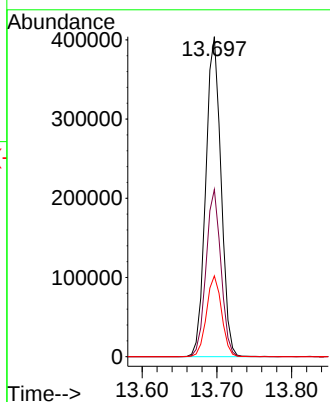
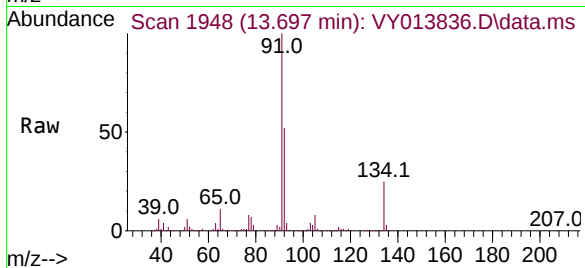
Tgt Ion: 91 Resp: 574110

Ion Ratio Lower Upper

91 100

92 50.9 25.6 76.6

134 25.0 13.0 38.9



#90

Hexachloroethane

Concen: 51.585 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013836.D

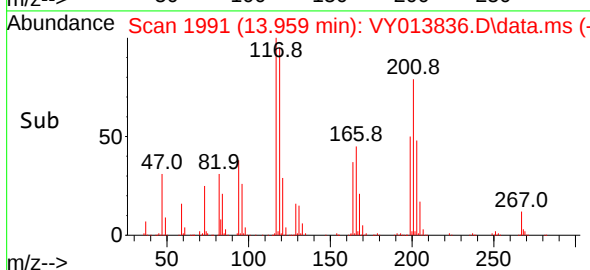
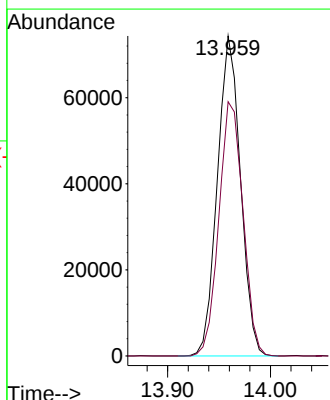
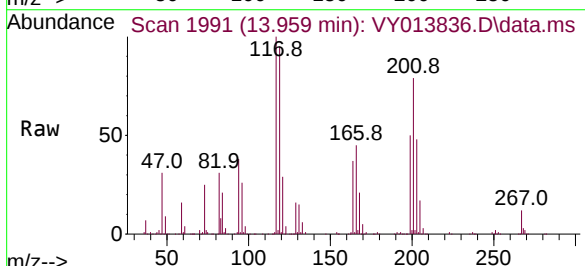
Acq: 23 May 2023 17:09

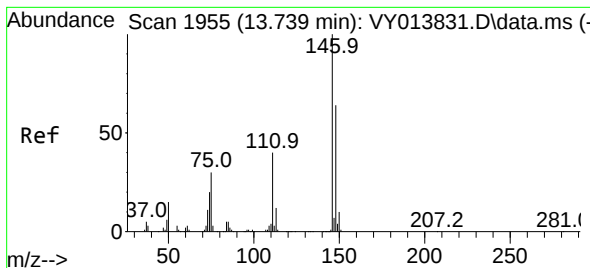
Tgt Ion: 117 Resp: 116035

Ion Ratio Lower Upper

117 100

201 82.9 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 51.460 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

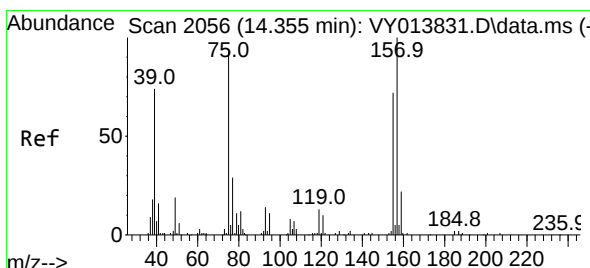
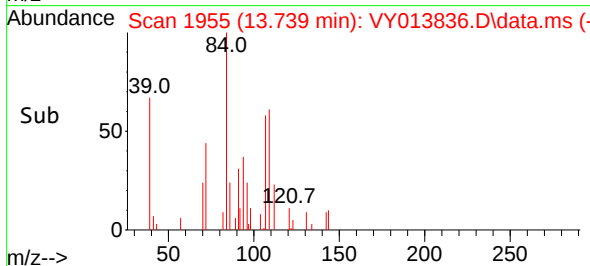
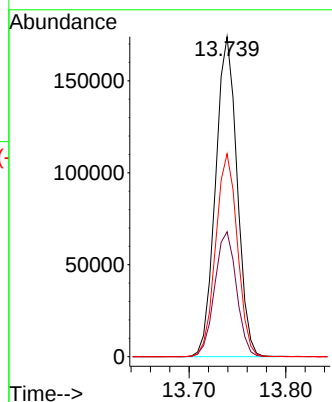
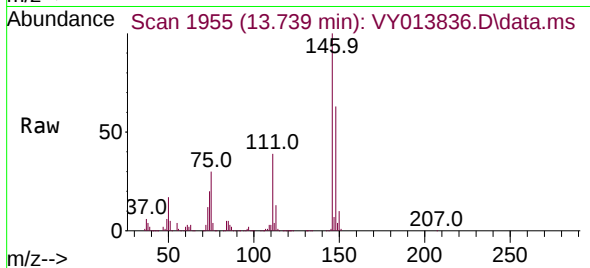
Tgt Ion:146 Resp: 269005

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

148 63.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.090 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

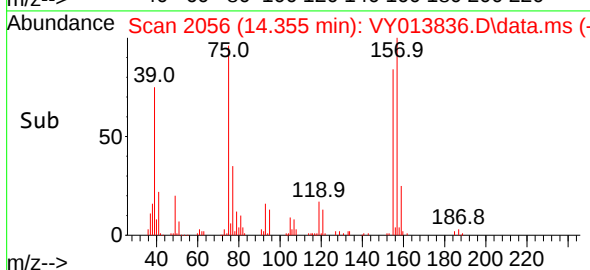
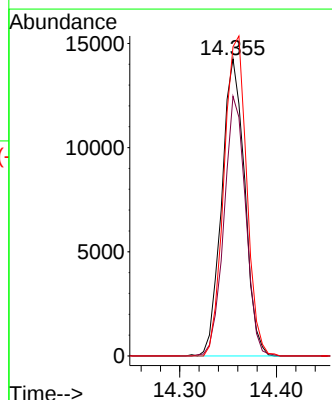
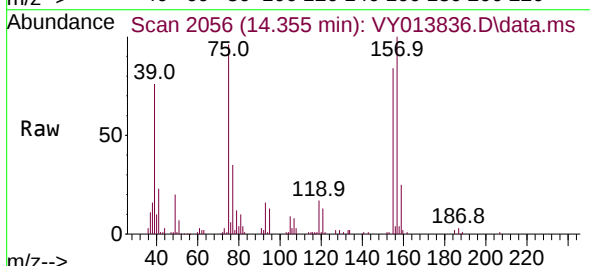
Tgt Ion: 75 Resp: 23448

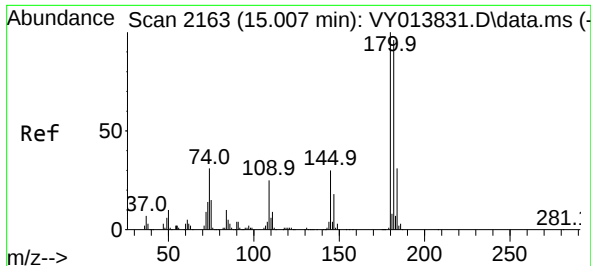
Ion Ratio Lower Upper

75 100

155 82.5 39.9 119.6

157 106.3 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 53.258 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013836.D

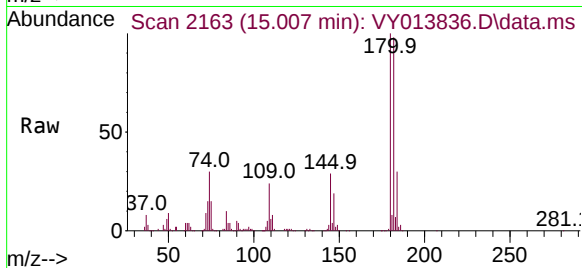
Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323



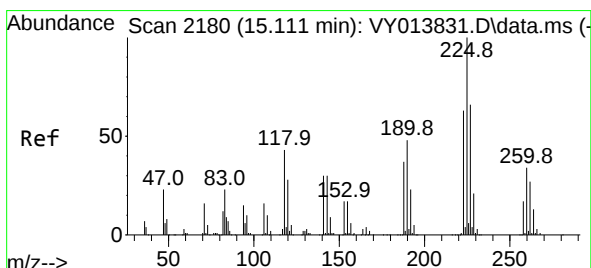
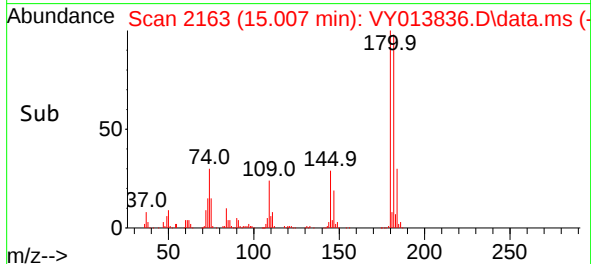
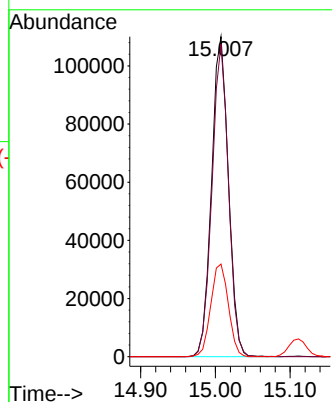
Tgt Ion:180 Resp: 172594

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.3

145 30.1 14.8 44.4



#94

Hexachlorobutadiene

Concen: 52.624 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

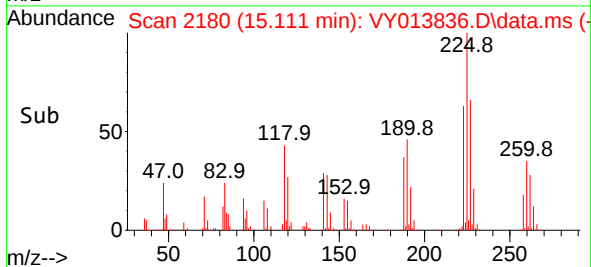
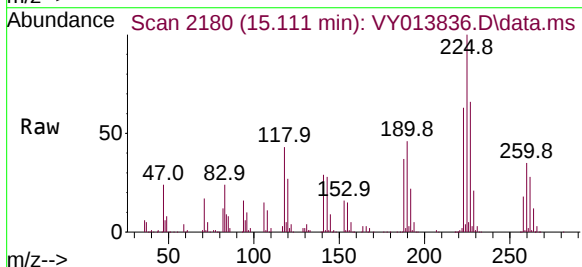
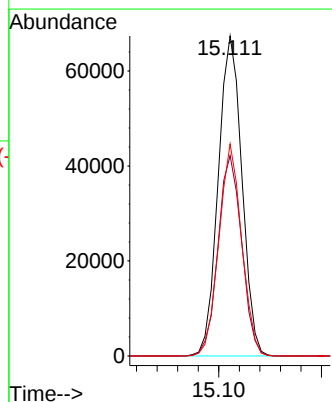
Tgt Ion:225 Resp: 107529

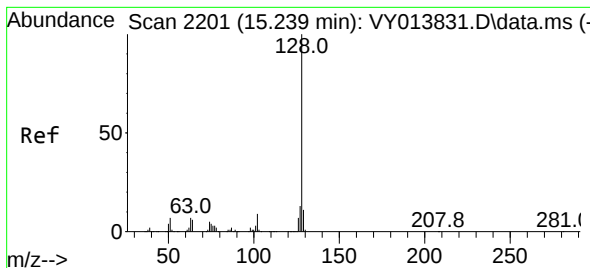
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

227 63.7 32.9 98.6





#95

Naphthalene

Concen: 48.254 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052323

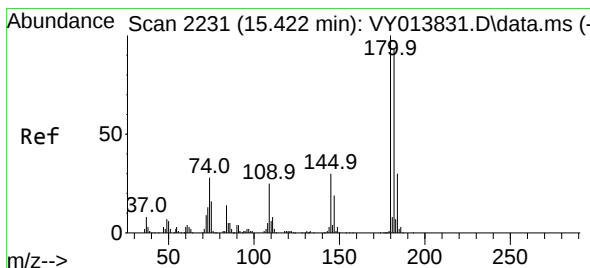
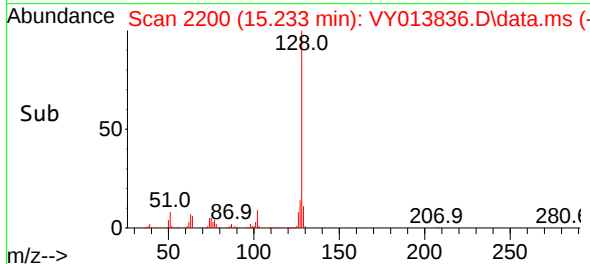
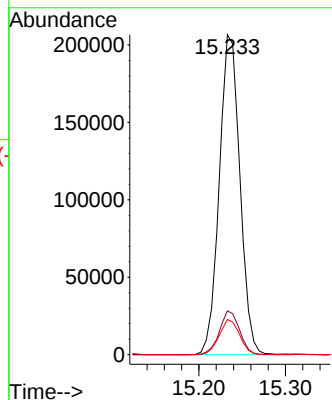
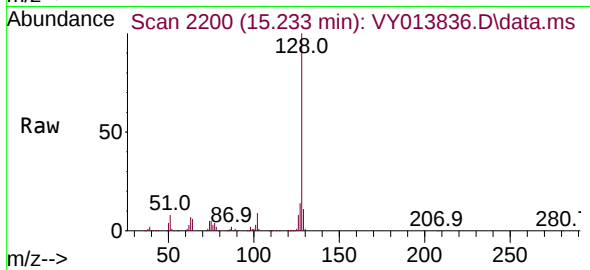
Tgt Ion:128 Resp: 342184

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 52.898 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013836.D

Acq: 23 May 2023 17:09

Tgt Ion:180 Resp: 152448

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.2

145 30.9 15.5 46.5

