

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008918.D
 Acq On : 20 May 2022 21:20
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052022

Quant Time: May 20 23:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66826	39.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.740%
35) Dibromofluoromethane	7.716	113	74632	43.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.420%
50) Toluene-d8	10.179	98	253249	40.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.420%
62) 4-Bromofluorobenzene	12.483	95	137461	54.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73144	48.493	ug/l	98
3) Chloromethane	2.113	50	103314	47.811	ug/l	95
4) Vinyl Chloride	2.247	62	147870	46.189	ug/l	99
5) Bromomethane	2.644	94	130755	41.666	ug/l	97
6) Chloroethane	2.790	64	102480	45.185	ug/l	98
7) Trichlorofluoromethane	3.125	101	130083	47.847	ug/l	93
8) Diethyl Ether	3.528	74	41525	48.847	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	82577	49.420	ug/l	93
10) Methyl Iodide	4.088	142	90264	52.315	ug/l	94
11) Tert butyl alcohol	4.954	59	35642	207.030	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	77539	49.988	ug/l	85
13) Acrolein	3.729	56	7050	124.411	ug/l	100
14) Allyl chloride	4.473	41	115578	49.442	ug/l #	89
15) Acrylonitrile	5.155	53	110346	231.828	ug/l	97
16) Acetone	3.942	43	75599	213.981	ug/l	95
17) Carbon Disulfide	4.192	76	248221	48.982	ug/l	98
18) Methyl Acetate	4.473	43	50190	45.620	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	227994	48.970	ug/l	94
20) Methylene Chloride	4.710	84	101294	51.575	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	99066	49.759	ug/l	86
22) Diisopropyl ether	6.119	45	279305	49.734	ug/l #	93
23) Vinyl Acetate	6.058	43	906656	244.059	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	167485	49.861	ug/l	98
25) 2-Butanone	6.984	43	143719	227.753	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	150350	48.590	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	112988	50.343	ug/l	87
28) Bromochloromethane	7.332	49	56473	48.981	ug/l #	86
29) Tetrahydrofuran	7.344	42	96640	225.455	ug/l #	83
30) Chloroform	7.503	83	182370	50.296	ug/l	99
31) Cyclohexane	7.783	56	159199	47.946	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	167463	50.907	ug/l	96
36) 1,1-Dichloropropene	7.917	75	146580	50.447	ug/l	98
37) Ethyl Acetate	7.070	43	67151	44.553	ug/l	96
38) Carbon Tetrachloride	7.899	117	153658	50.553	ug/l	97
39) Methylcyclohexane	9.179	83	196573	52.413	ug/l	89
40) Benzene	8.161	78	424805	50.701	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	92121	118.443	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	122668	49.859	ug/l	94
43) Isopropyl Acetate	8.271	43	134949	48.153	ug/l #	90
44) Trichloroethene	8.935	130	113892	51.337	ug/l	97
45) 1,2-Dichloropropane	9.216	63	102423	50.910	ug/l	92
46) Dibromomethane	9.307	93	63670	49.772	ug/l	95
47) Bromodichloromethane	9.496	83	148072	50.648	ug/l	99
48) Methyl methacrylate	9.289	41	61309	48.992	ug/l #	85
49) 1,4-Dioxane	9.295	88	15953	932.895	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	369286	238.094	ug/l	89
52) Toluene	10.246	92	311343	53.173	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	161698	52.083	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	171893	51.502	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	89554	50.038	ug/l	97
56) Ethyl methacrylate	10.508	69	119294	52.136	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	147452	50.506	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	243534	246.014	ug/l	95
59) 2-Hexanone	10.831	43	260834	245.622	ug/l	87
60) Dibromochloromethane	10.984	129	112635	51.917	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89421	50.421	ug/l	99
64) Tetrachloroethene	10.721	164	102481	50.315	ug/l	98
65) Chlorobenzene	11.514	112	331711	51.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	122917	52.265	ug/l	97
67) Ethyl Benzene	11.593	91	620500	53.608	ug/l	98
68) m/p-Xylenes	11.703	106	525208	111.775	ug/l	91
69) o-Xylene	12.032	106	244986	56.145	ug/l	91
70) Styrene	12.044	104	430632	57.388	ug/l	94
71) Bromoform	12.209	173	82777	53.095	ug/l #	100
73) Isopropylbenzene	12.331	105	663518	48.954	ug/l	100
74) N-amyl acetate	12.142	43	146209	46.754	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	123747	44.321	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	157884	81.109	ug/l #	100
77) Bromobenzene	12.611	156	149387	47.547	ug/l	94
78) n-propylbenzene	12.672	91	818059	52.240	ug/l	98
79) 2-Chlorotoluene	12.758	91	452119	50.053	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	582059	51.235	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	42769	45.097	ug/l #	85
82) 4-Chlorotoluene	12.855	91	498739	51.623	ug/l	97
83) tert-Butylbenzene	13.075	119	511752	50.774	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	575693	51.047	ug/l	97
85) sec-Butylbenzene	13.251	105	795174	51.565	ug/l	99
86) p-Isopropyltoluene	13.367	119	671925	52.251	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	341050	50.886	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	335877	49.882	ug/l	99
89) n-Butylbenzene	13.697	91	604543	51.387	ug/l	99
90) Hexachloroethane	13.959	117	119220	49.471	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	294631	49.800	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18735	43.221	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	154761	47.663	ug/l	99
94) Hexachlorobutadiene	15.111	225	85721	48.439	ug/l	99
95) Naphthalene	15.239	128	307837	47.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	133691	47.382	ug/l	100

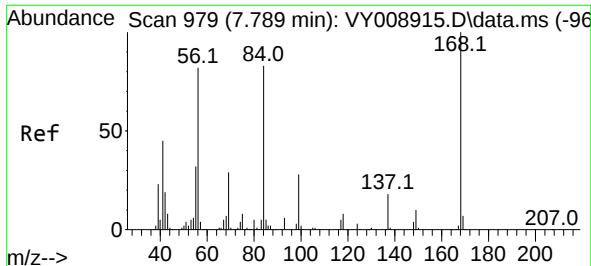
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

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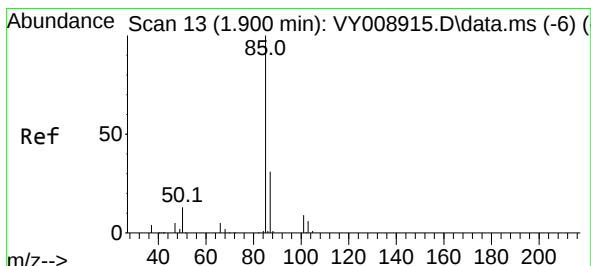
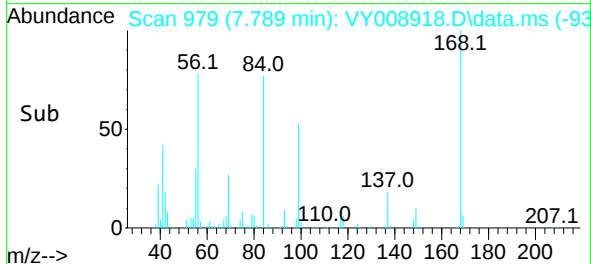
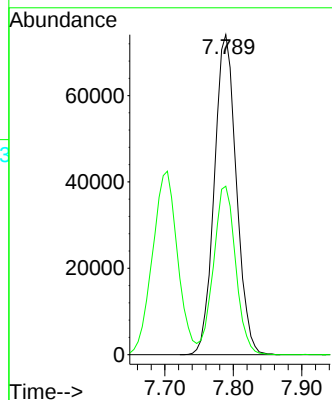
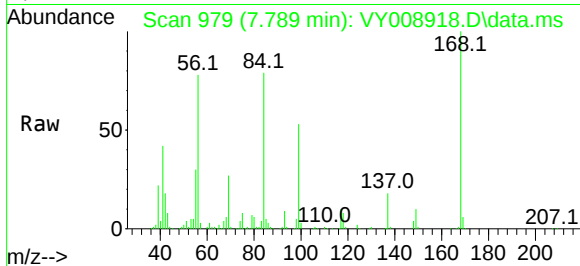
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

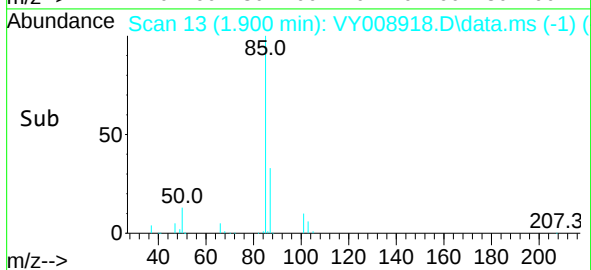
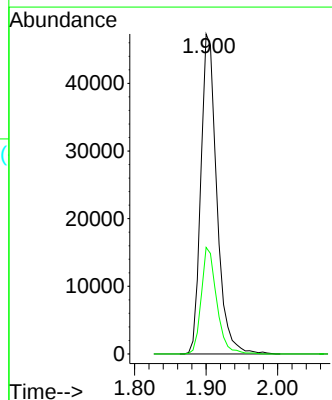
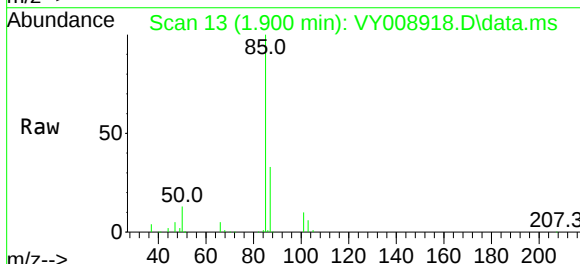
Instrument :
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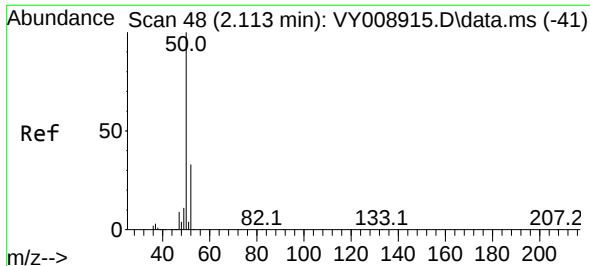
Tgt Ion:168 Resp: 164914
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 48.493 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 85 Resp: 73144
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2

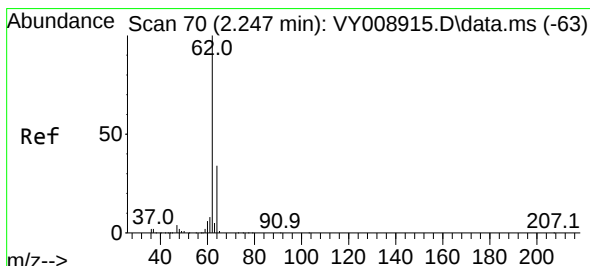
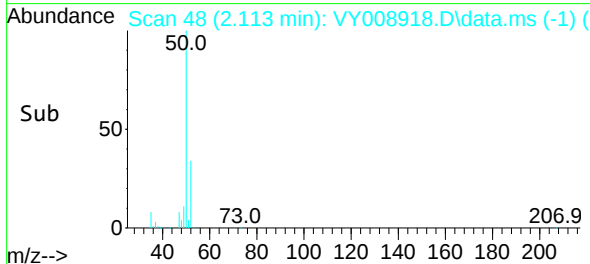
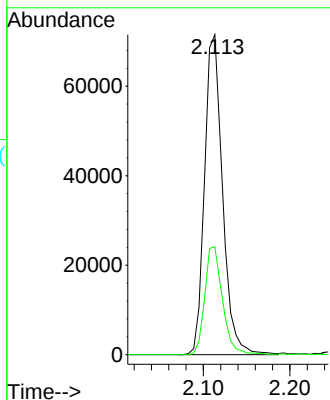
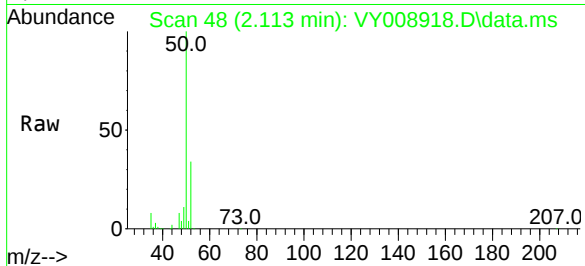




#3
Chloromethane
Concen: 47.811 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

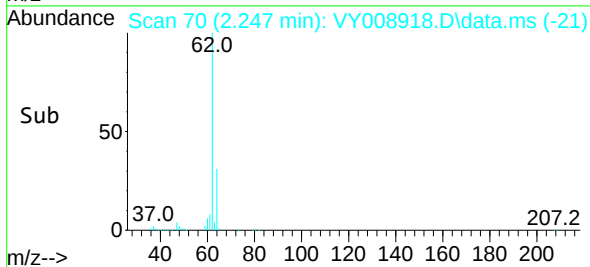
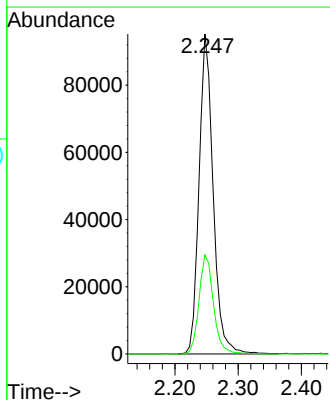
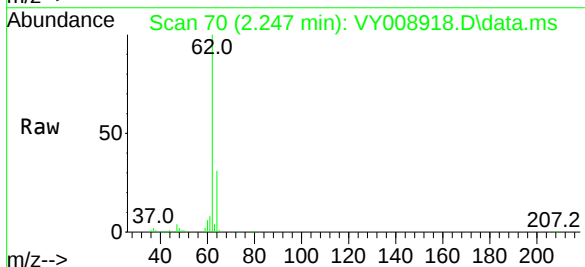
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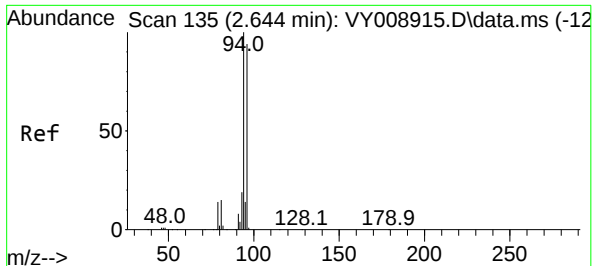
Tgt Ion: 50 Resp: 103314
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0



#4
Vinyl Chloride
Concen: 46.189 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 62 Resp: 147870
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6

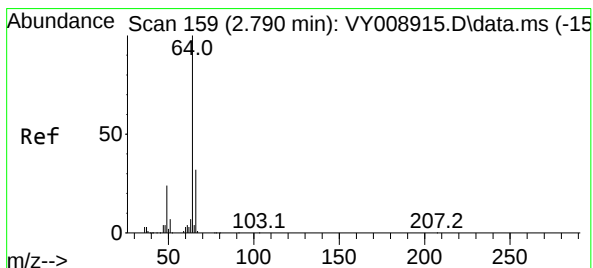
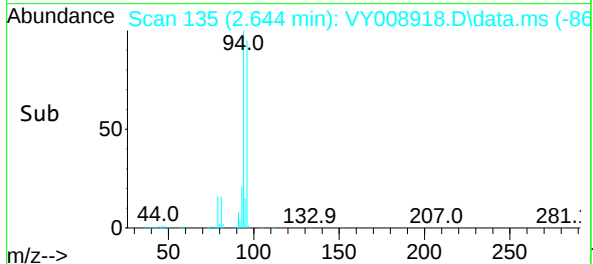
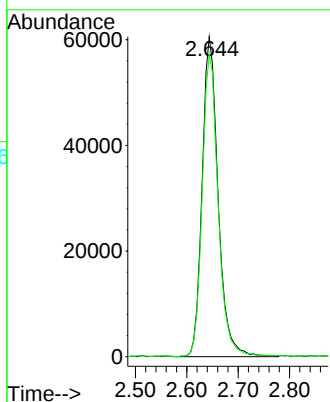
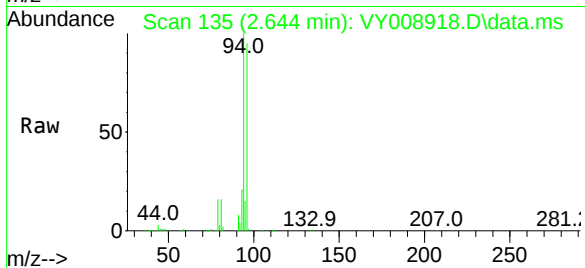




#5
Bromomethane
Concen: 41.666 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

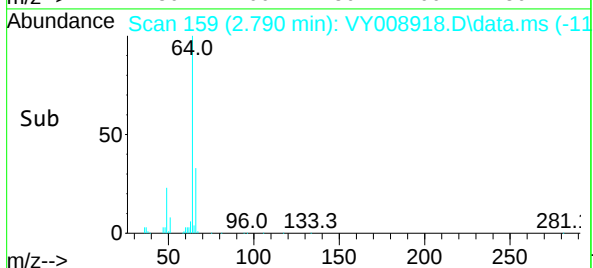
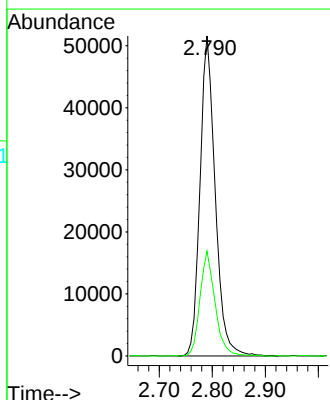
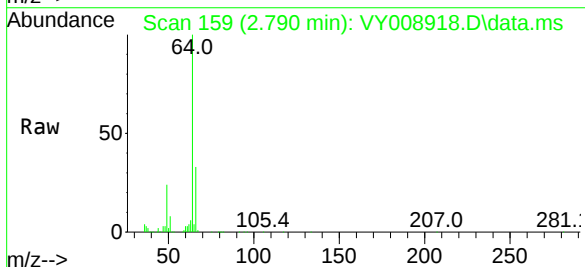
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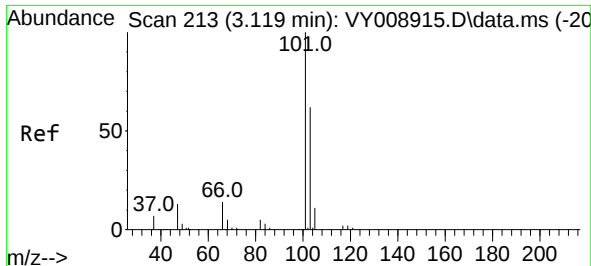
Tgt Ion: 94 Resp: 130755
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 45.185 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 64 Resp: 102480
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

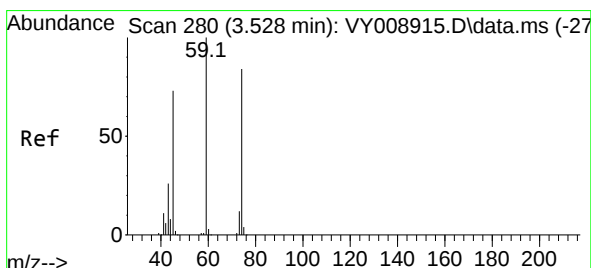
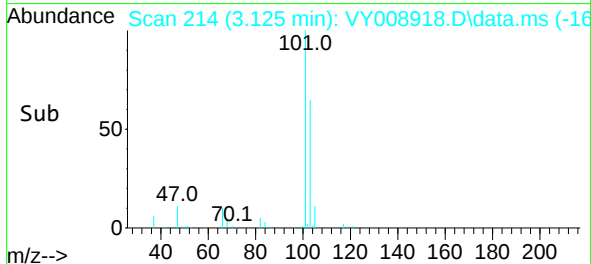
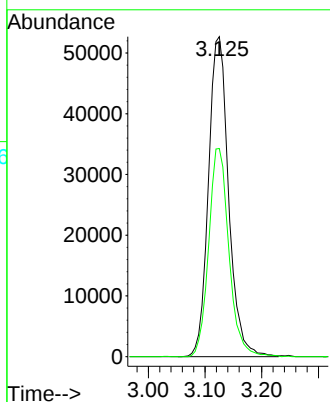
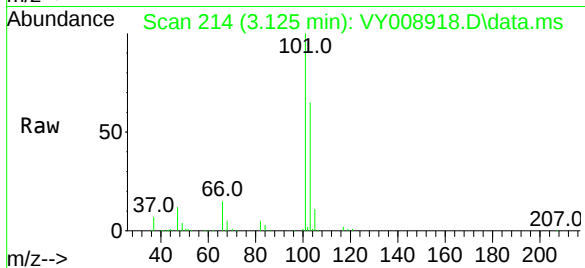




#7
Trichlorofluoromethane
Concen: 47.847 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

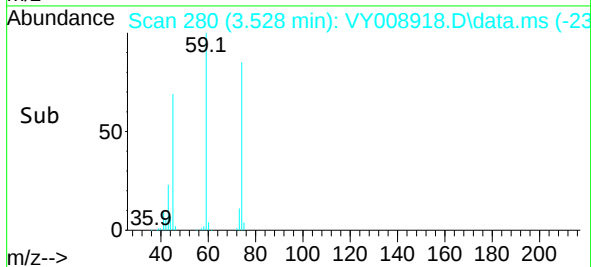
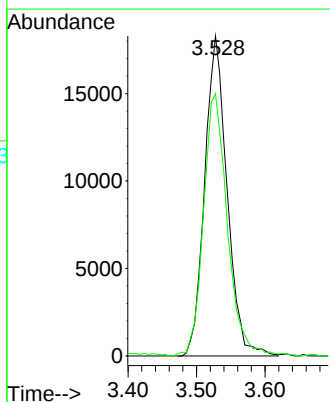
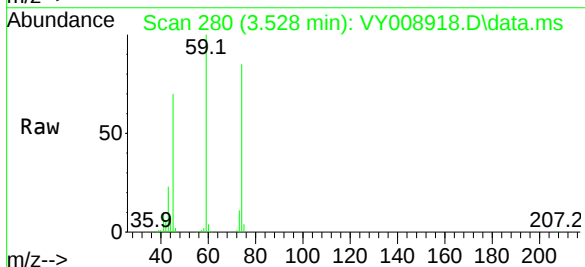
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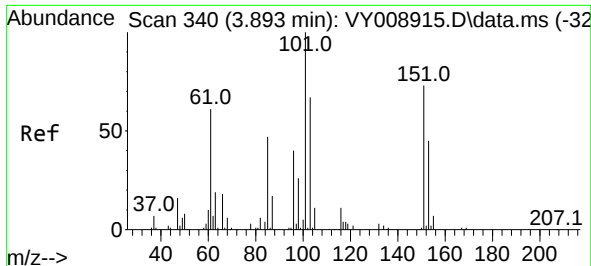
Tgt Ion:101 Resp: 130083
Ion Ratio Lower Upper
101 100
103 65.0 48.0 72.0



#8
Diethyl Ether
Concen: 48.847 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 74 Resp: 41525
Ion Ratio Lower Upper
74 100
45 87.8 55.1 165.5

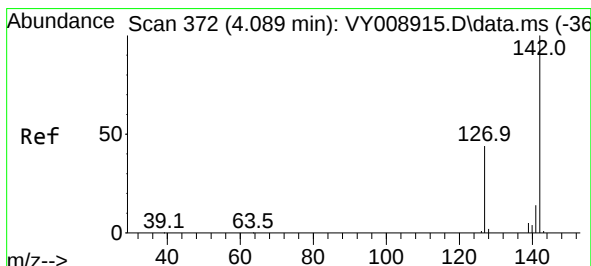
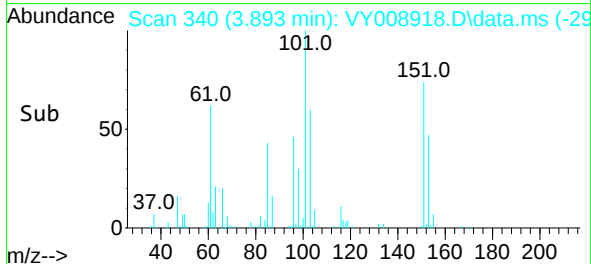
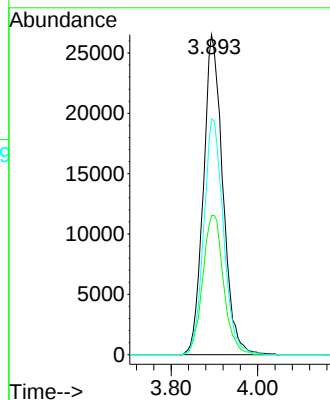
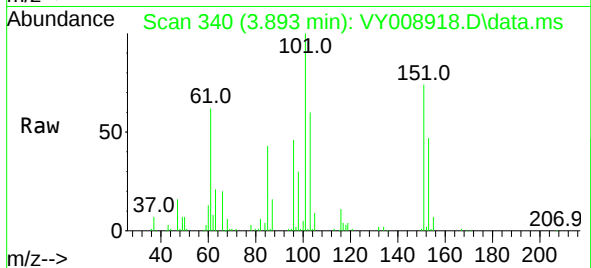




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.420 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

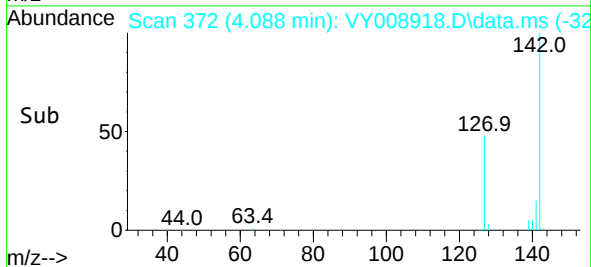
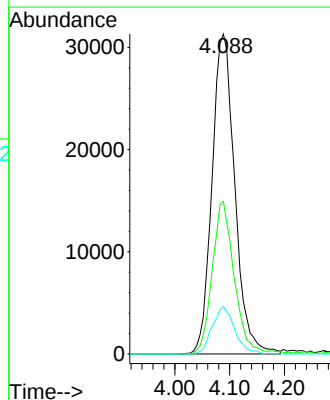
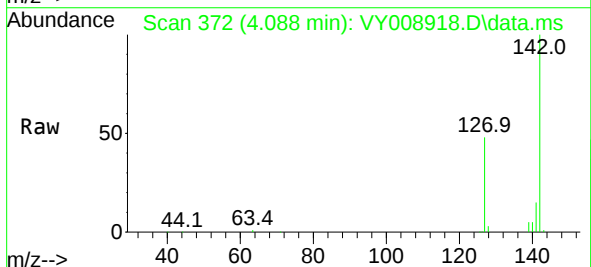
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

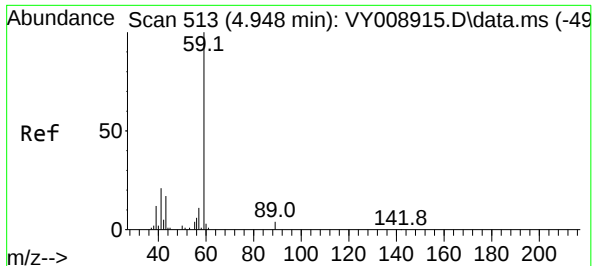
Tgt Ion:101 Resp: 82577
Ion Ratio Lower Upper
101 100
85 46.6 40.6 60.8
151 74.6 64.9 97.3



#10
Methyl Iodide
Concen: 52.315 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion:142 Resp: 90264
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 14.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 207.030 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

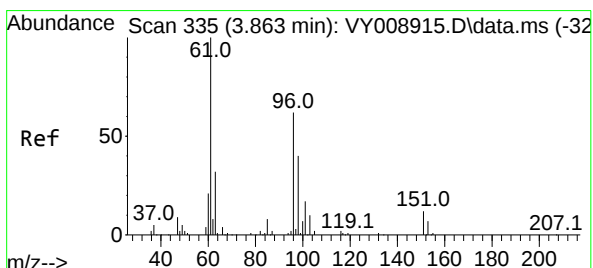
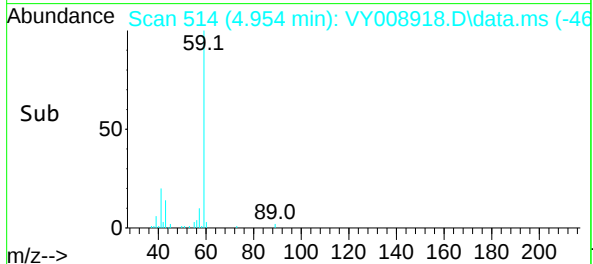
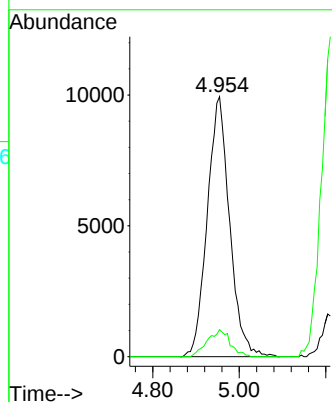
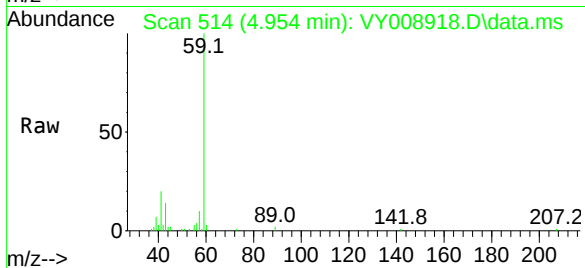
ICVY052022

Tgt Ion: 59 Resp: 35642

Ion Ratio Lower Upper

59 100

57 10.6 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 49.988 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

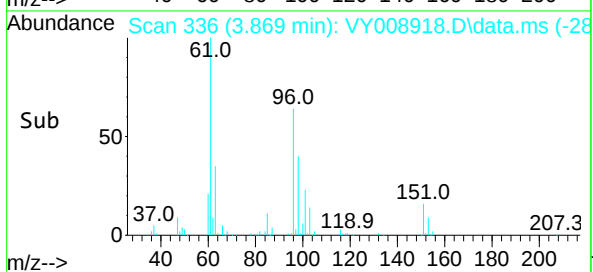
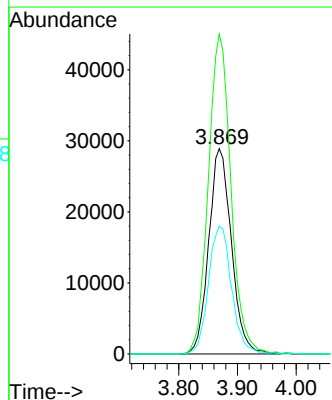
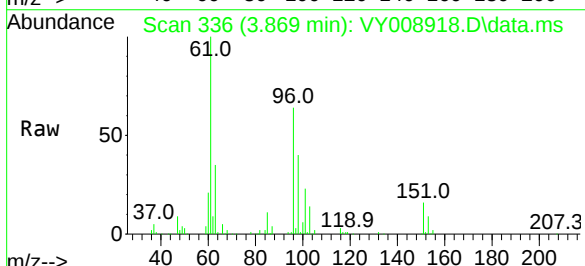
Tgt Ion: 96 Resp: 77539

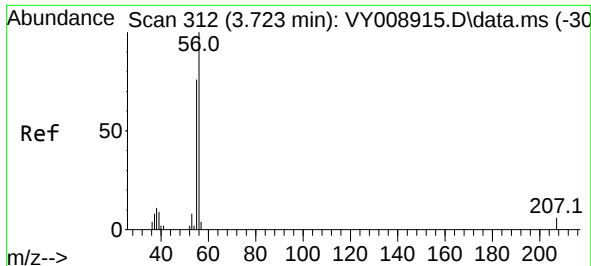
Ion Ratio Lower Upper

96 100

61 155.8 145.8 218.6

98 62.2 52.5 78.7

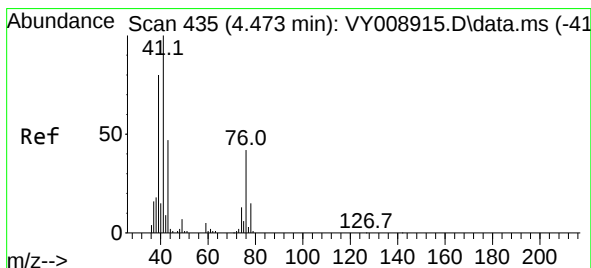
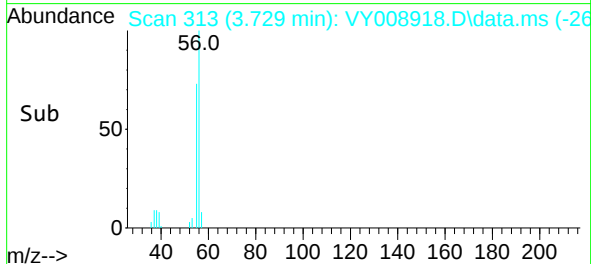
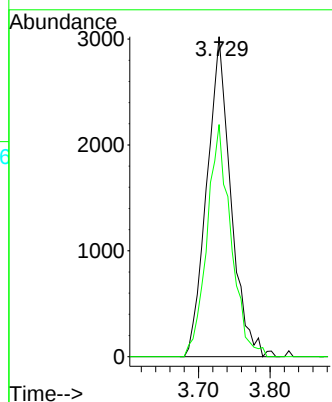
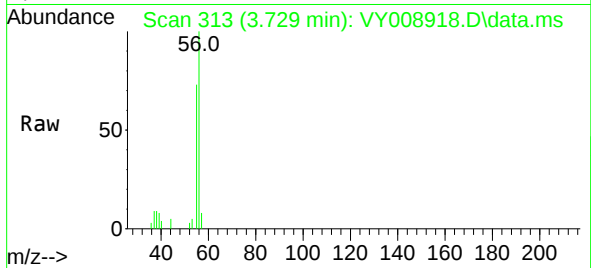




#13
Acrolein
Concen: 124.411 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

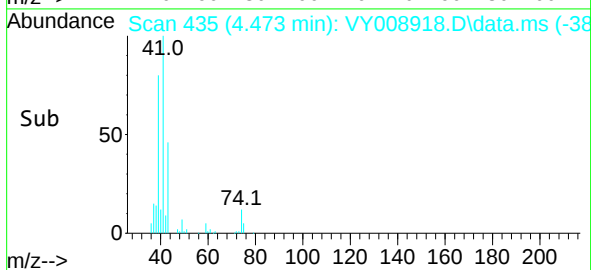
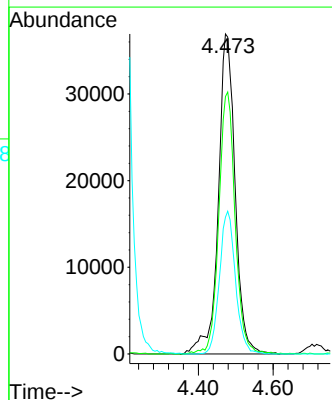
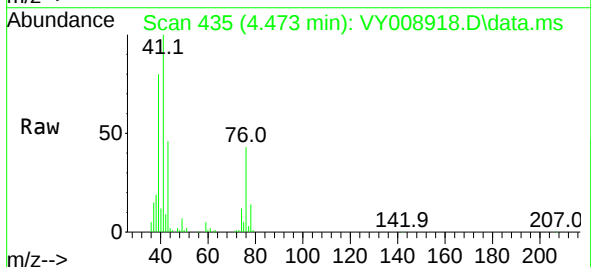
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

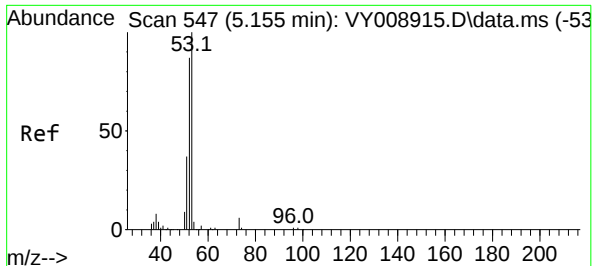
Tgt Ion: 56 Resp: 7050
Ion Ratio Lower Upper
56 100
55 72.2 57.6 86.4



#14
Allyl chloride
Concen: 49.442 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 41 Resp: 115578
Ion Ratio Lower Upper
41 100
39 79.6 58.8 88.2
76 42.4 25.1 37.7#

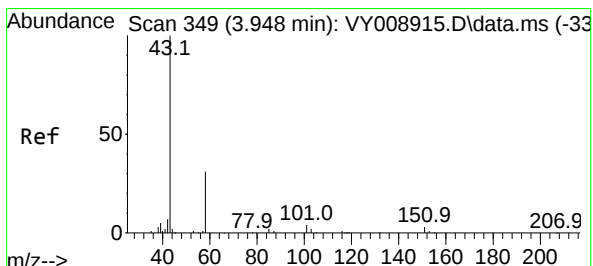
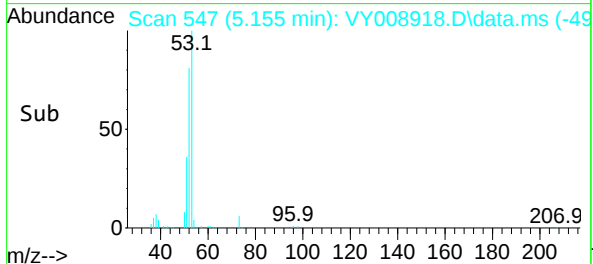
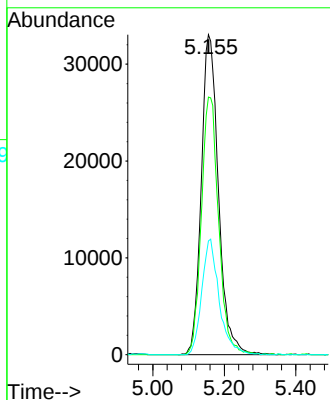
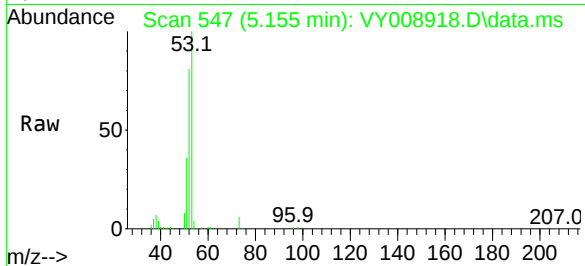




#15
Acrylonitrile
Concen: 231.828 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

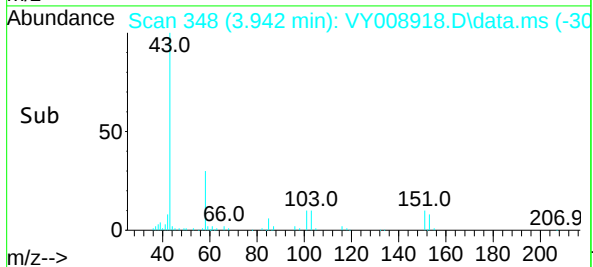
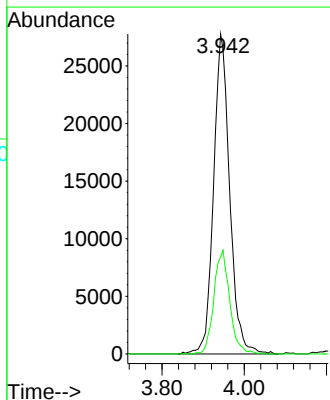
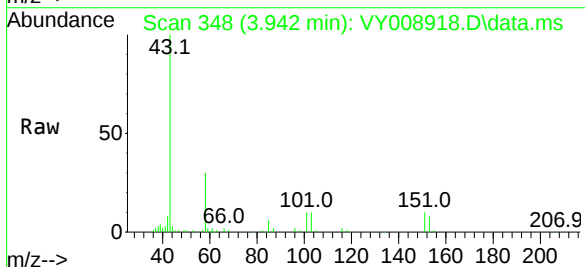
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

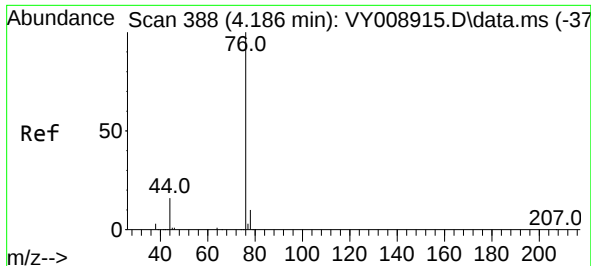
Tgt Ion: 53 Resp: 110346
Ion Ratio Lower Upper
53 100
52 80.7 67.0 100.4
51 36.6 29.8 44.6



#16
Acetone
Concen: 213.981 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 43 Resp: 75599
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0

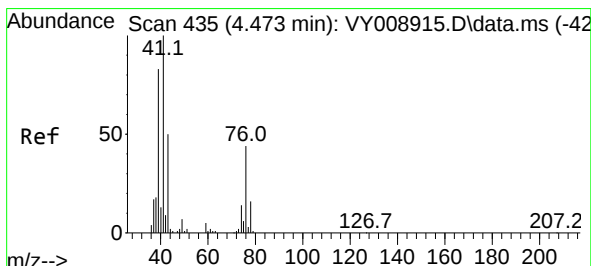
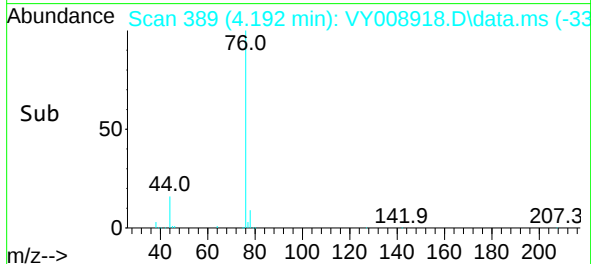
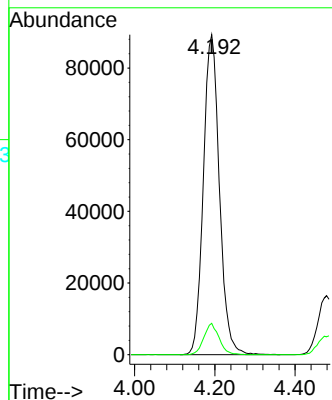
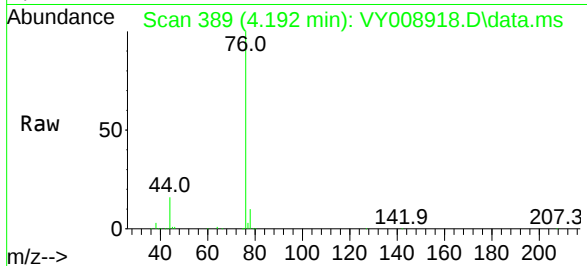




#17
Carbon Disulfide
Concen: 48.982 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

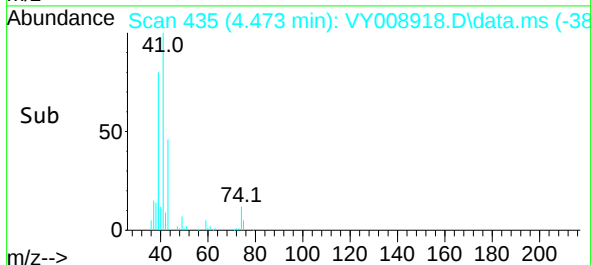
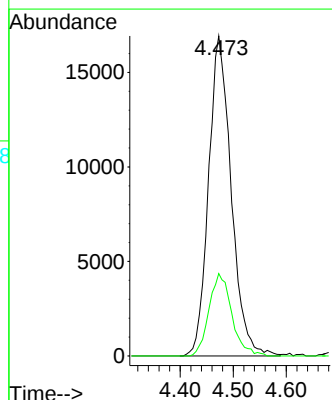
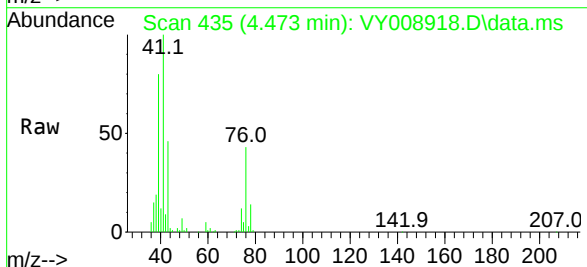
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

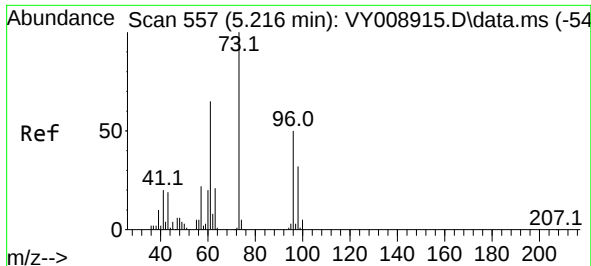
Tgt Ion: 76 Resp: 248221
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 45.620 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 43 Resp: 50190
Ion Ratio Lower Upper
43 100
74 25.9 16.6 24.8#

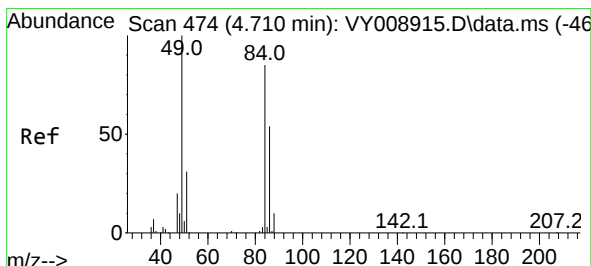
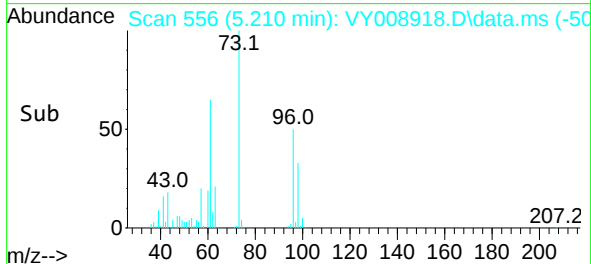
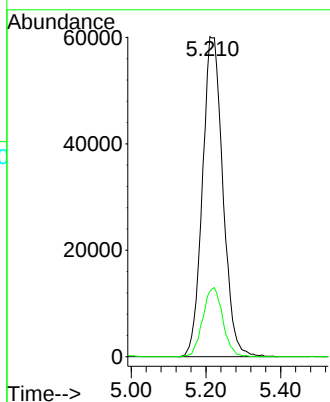
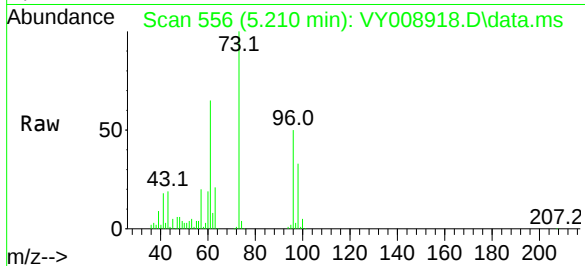




#19
Methyl tert-butyl Ether
Concen: 48.970 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

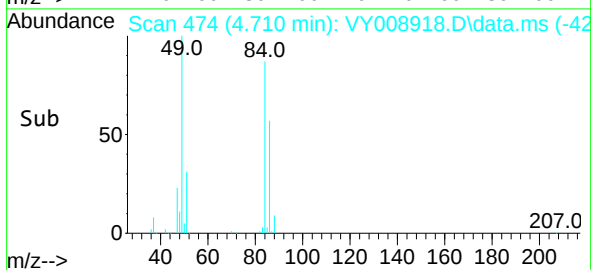
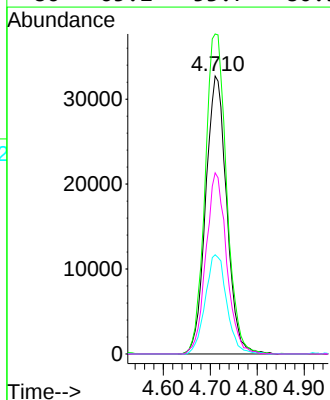
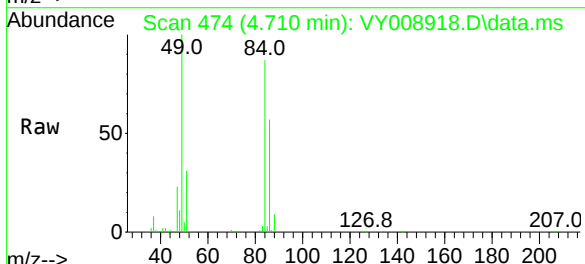
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

Tgt Ion: 73 Resp: 227994
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8



#20
Methylene Chloride
Concen: 51.575 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 84 Resp: 101294
Ion Ratio Lower Upper
84 100
49 115.2 114.4 171.6
51 35.7 35.3 52.9
86 65.2 53.7 80.5

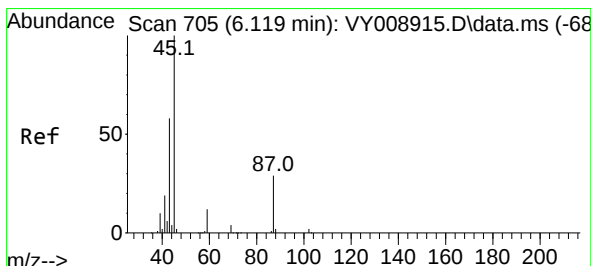
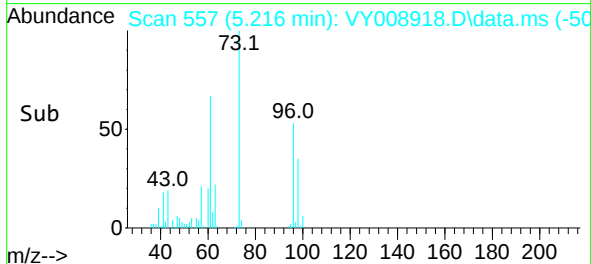
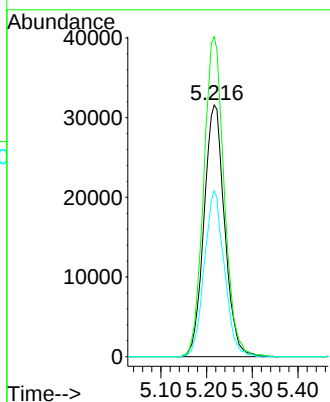
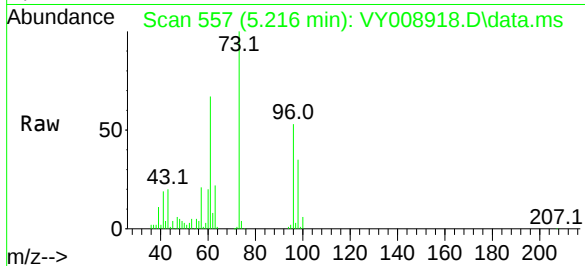




#21
trans-1,2-Dichloroethene
Concen: 49.759 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

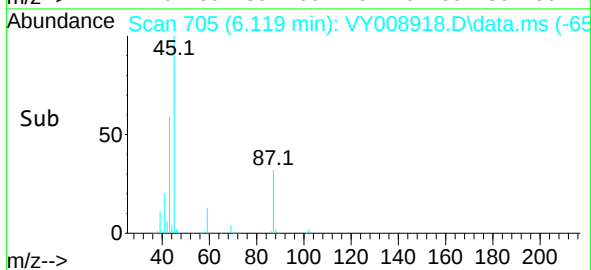
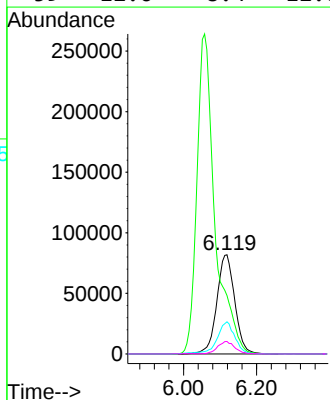
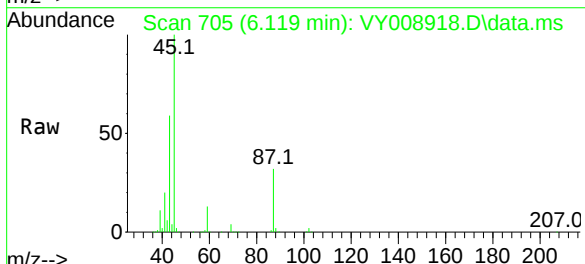
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

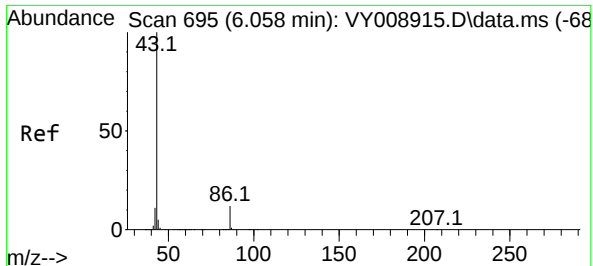
Tgt Ion: 96 Resp: 99066
Ion Ratio Lower Upper
96 100
61 127.1 120.5 180.7
98 65.9 49.8 74.8



#22
Diisopropyl ether
Concen: 49.734 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 45 Resp: 279305
Ion Ratio Lower Upper
45 100
43 58.7 49.3 73.9
87 32.4 19.2 28.8#
59 12.6 8.4 12.6

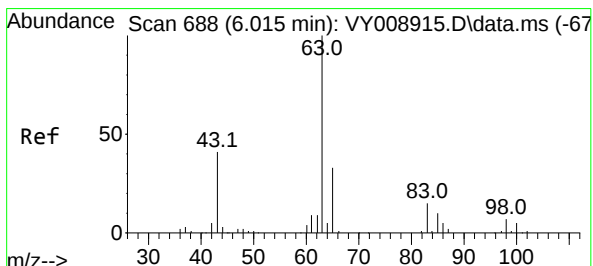
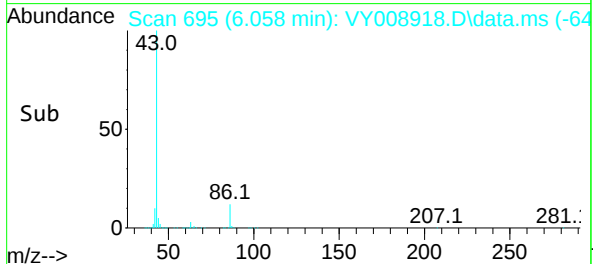
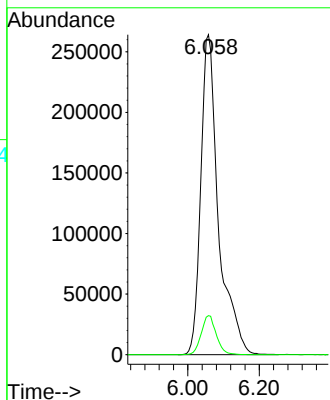
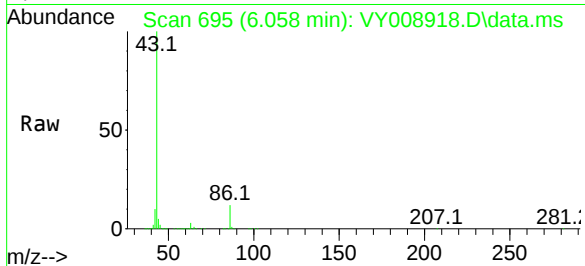




#23
 Vinyl Acetate
 Concen: 244.059 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY008918.D
 Acq: 20 May 2022 21:20

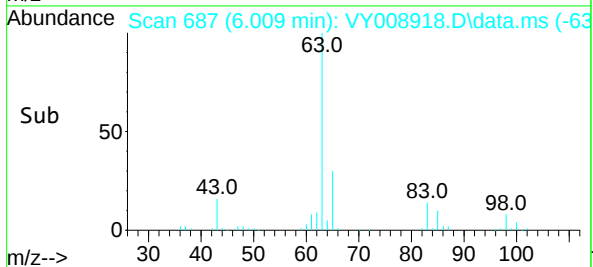
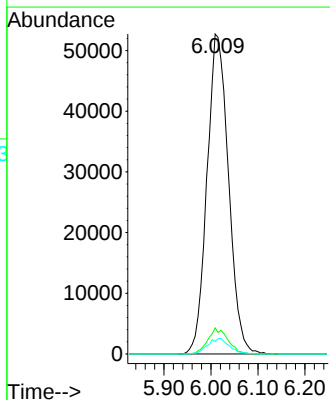
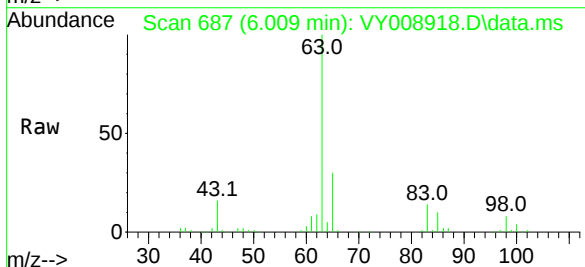
Instrument :
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 ClientSampleId :
 ICVVY052022

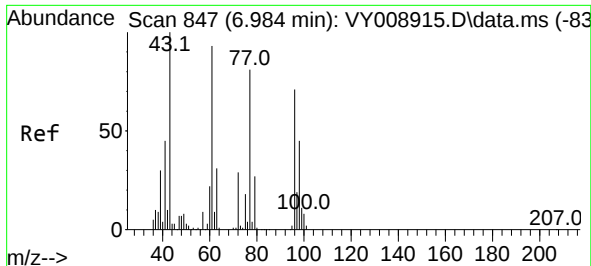
Tgt Ion: 43 Resp: 906656
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.861 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008918.D
 Acq: 20 May 2022 21:20

Tgt Ion: 63 Resp: 167485
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 227.753 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

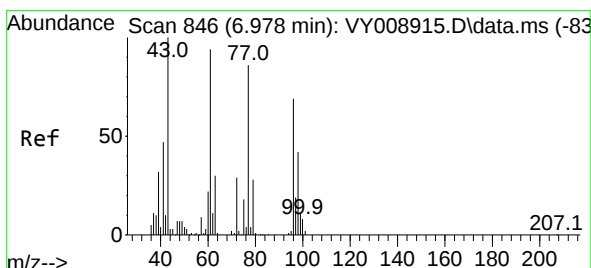
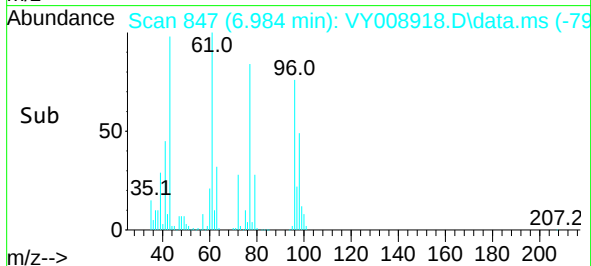
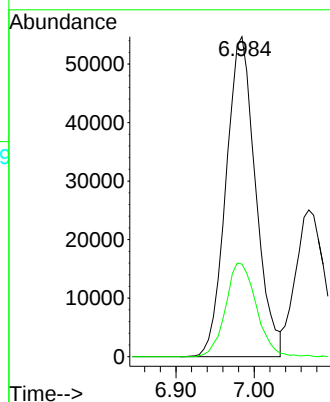
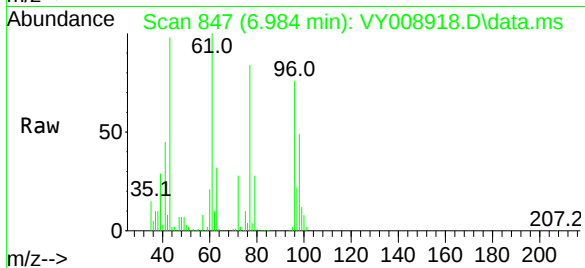
ICVVY052022

Tgt Ion: 43 Resp: 143719

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 48.590 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008918.D

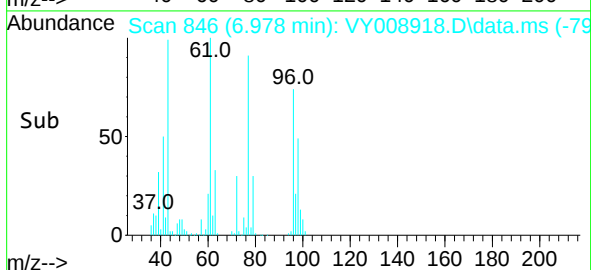
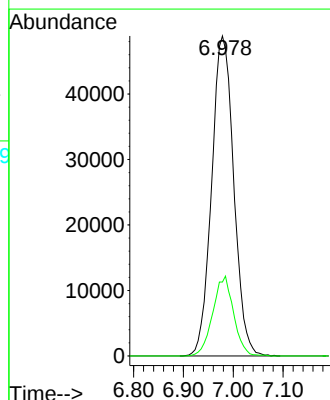
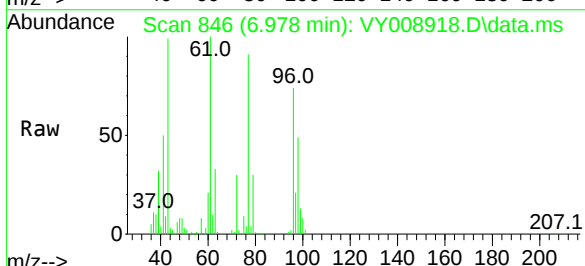
Acq: 20 May 2022 21:20

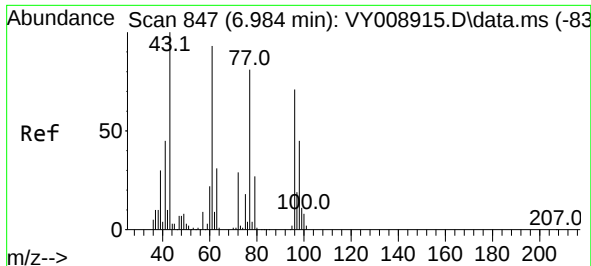
Tgt Ion: 77 Resp: 150350

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.343 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052022

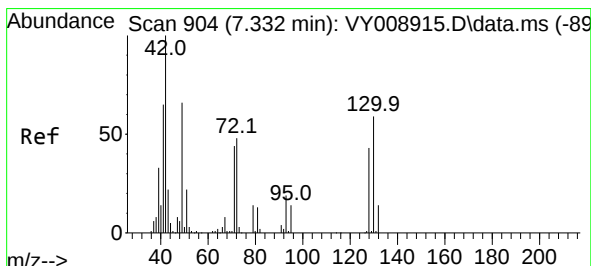
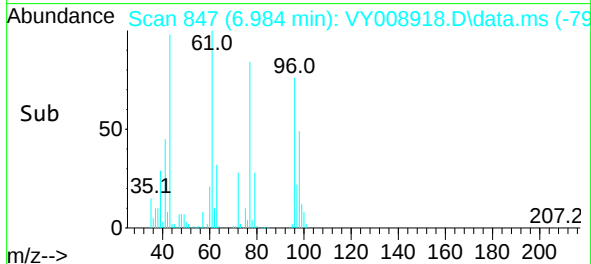
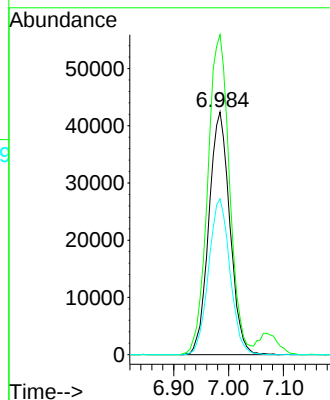
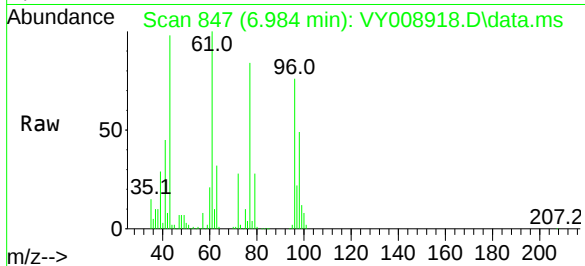
Tgt Ion: 96 Resp: 112988

Ion Ratio Lower Upper

96 100

61 136.9 0.0 319.8

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 48.981 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

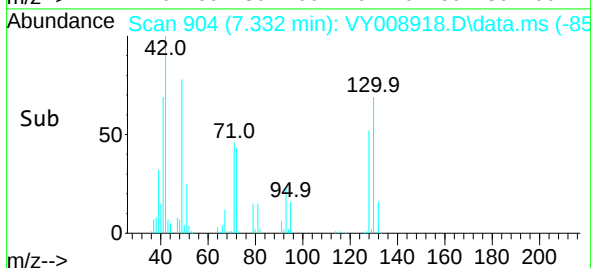
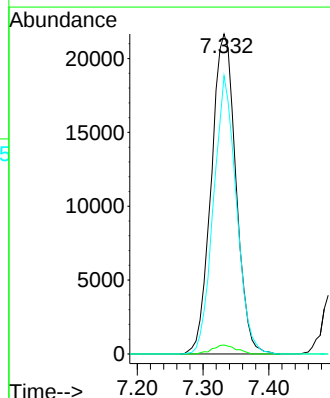
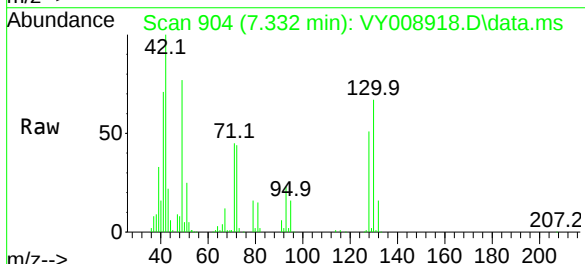
Tgt Ion: 49 Resp: 56473

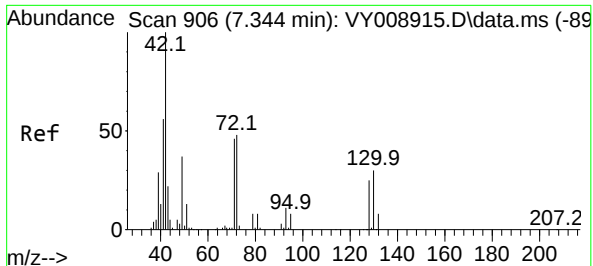
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 80.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 225.455 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052022

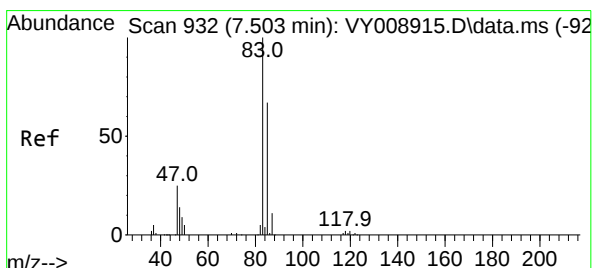
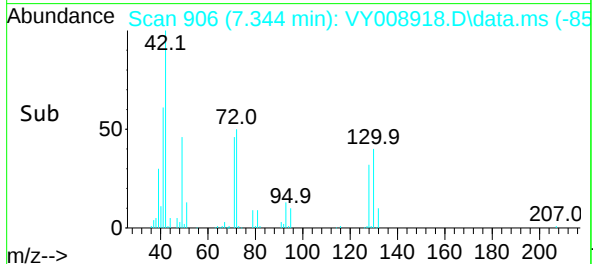
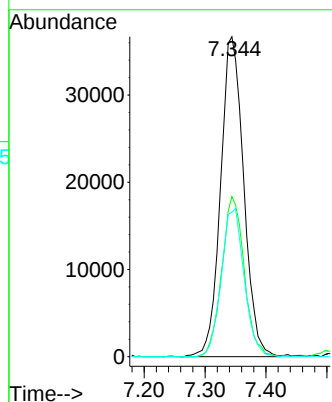
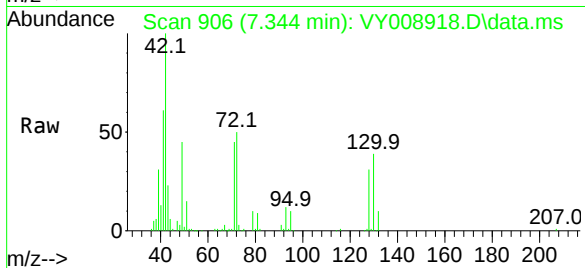
Tgt Ion: 42 Resp: 96640

Ion Ratio Lower Upper

42 100

72 48.6 30.3 45.5#

71 45.9 29.0 43.4#



#30

Chloroform

Concen: 50.296 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY008918.D

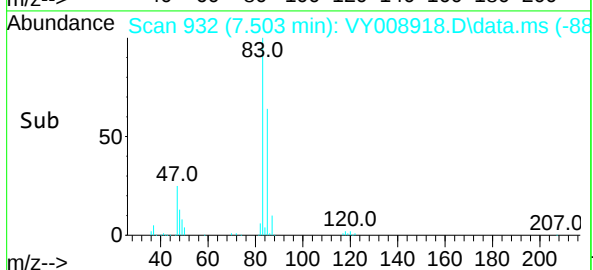
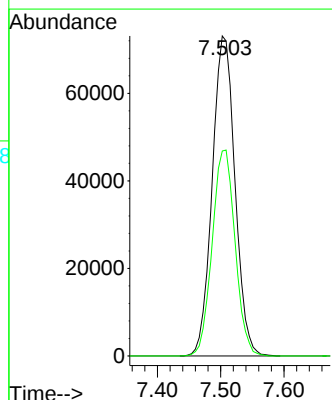
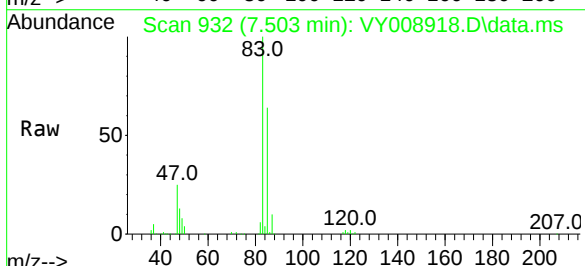
Acq: 20 May 2022 21:20

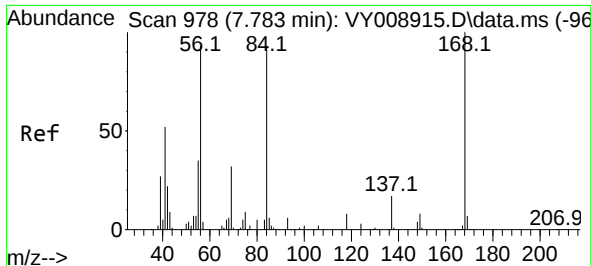
Tgt Ion: 83 Resp: 182370

Ion Ratio Lower Upper

83 100

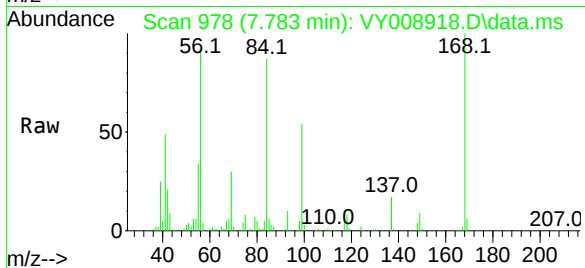
85 64.1 51.8 77.6



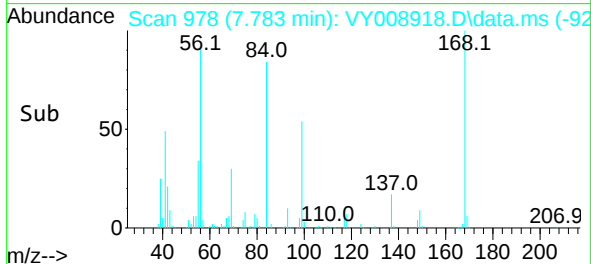
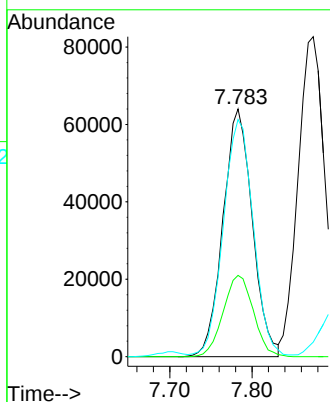


#31
Cyclohexane
Concen: 47.946 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052022

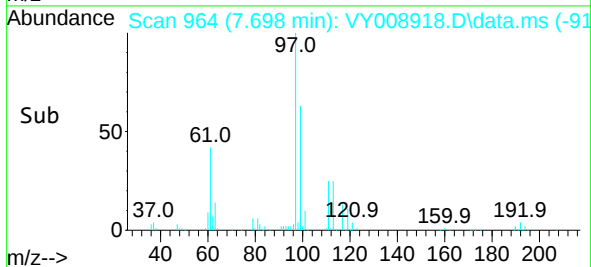
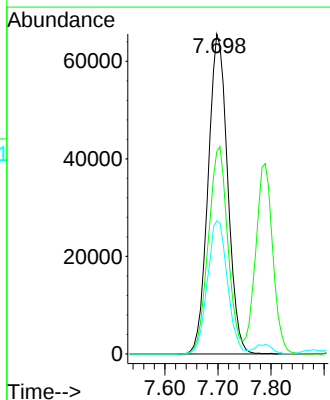
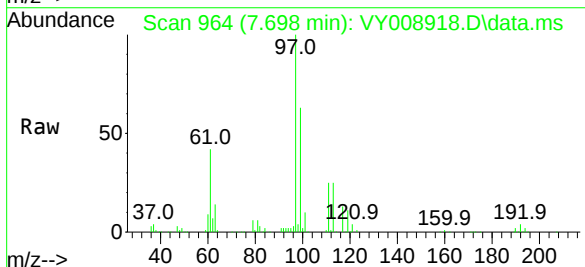


Tgt Ion: 56 Resp: 159199
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 94.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.907 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 97 Resp: 167463
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 42.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 39.373 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

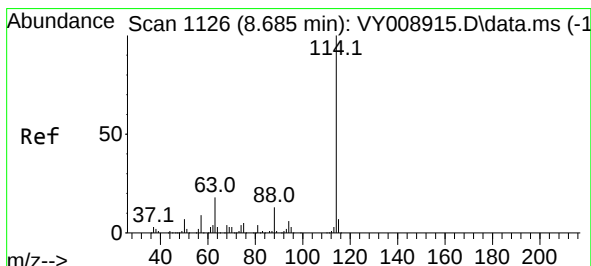
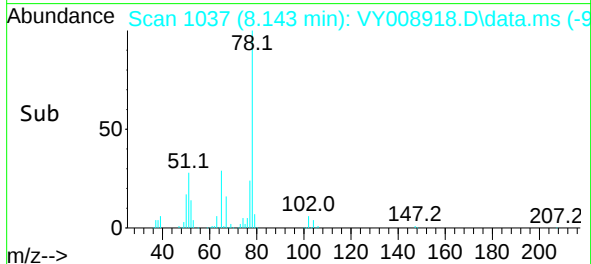
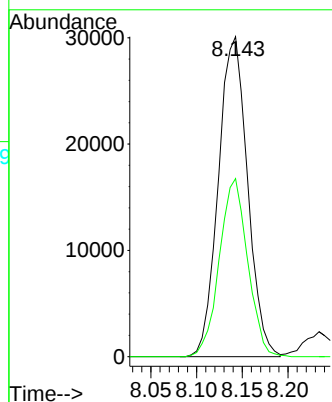
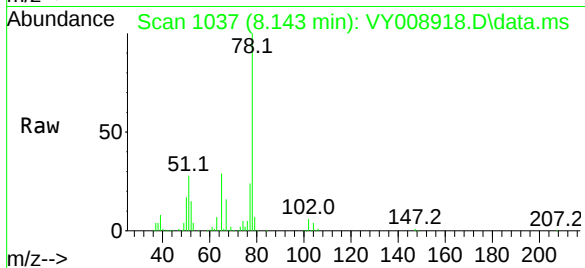
ICVVY052022

Tgt Ion: 65 Resp: 66826

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

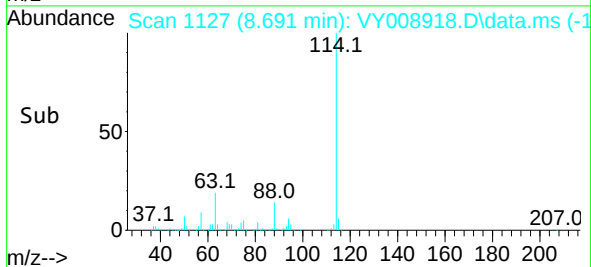
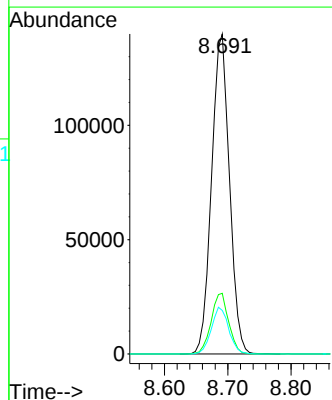
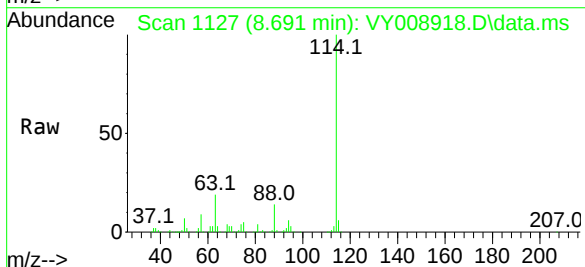
Tgt Ion: 114 Resp: 274565

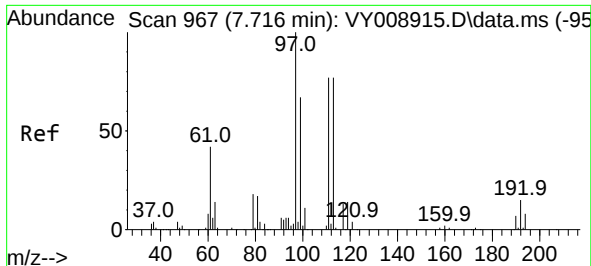
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.6 0.0 31.8

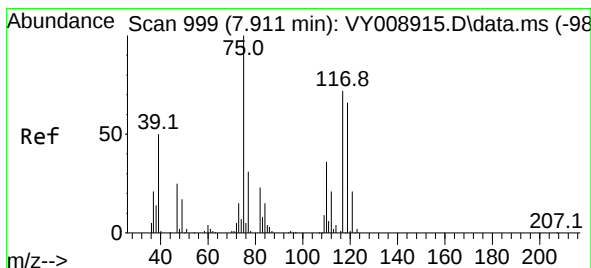
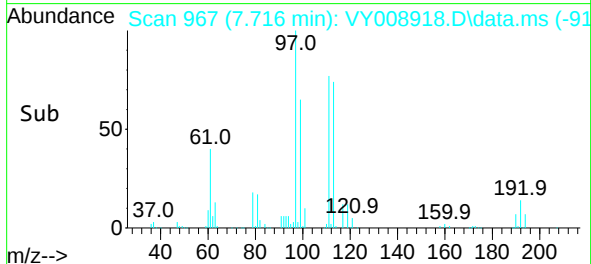
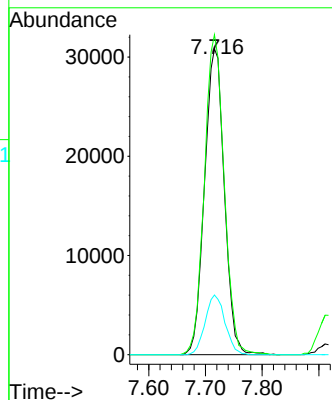
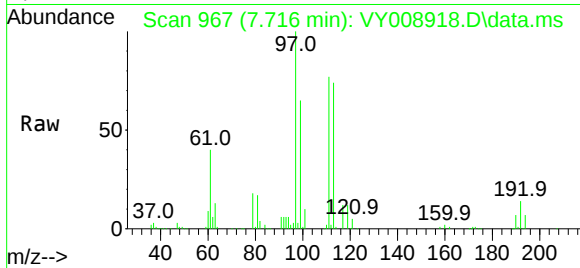




#35
Dibromofluoromethane
Concen: 43.712 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

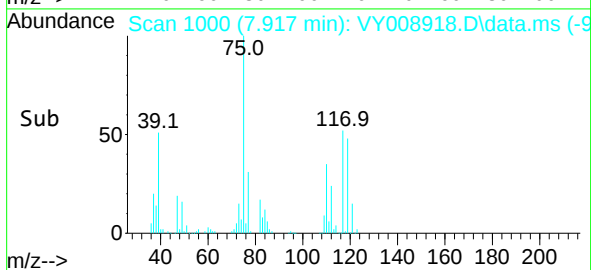
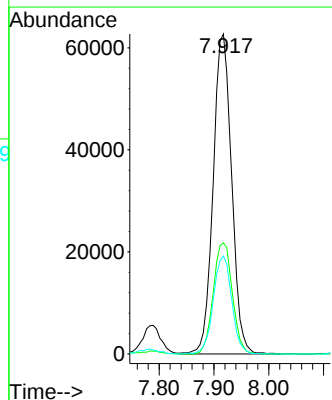
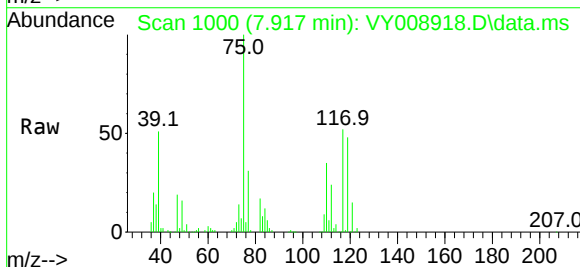
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

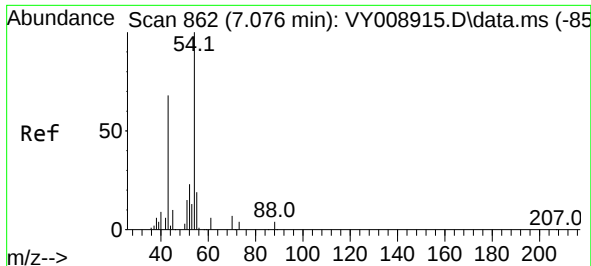
Tgt Ion:113 Resp: 74632
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.447 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 75 Resp: 146580
Ion Ratio Lower Upper
75 100
110 35.8 17.1 51.2
77 30.7 24.4 36.6

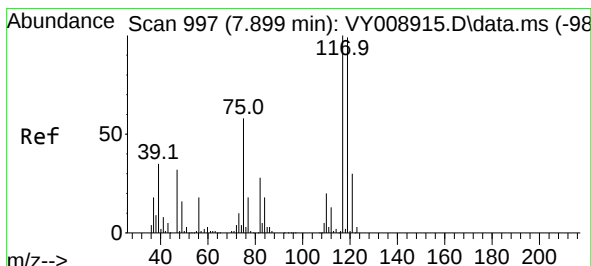
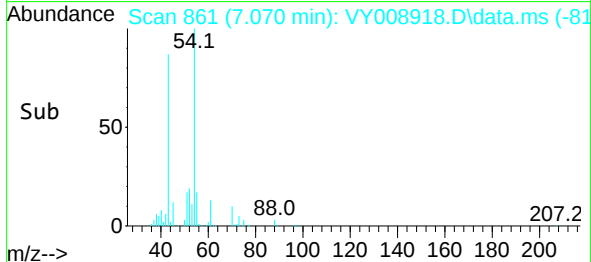
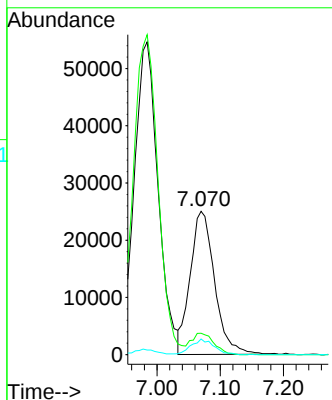
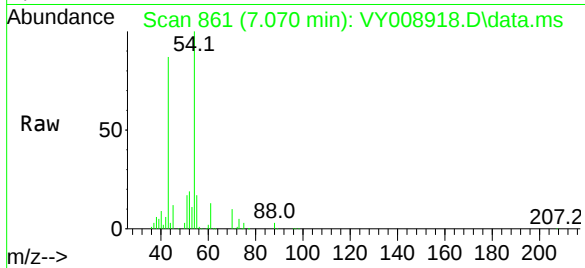




#37
Ethyl Acetate
Concen: 44.553 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

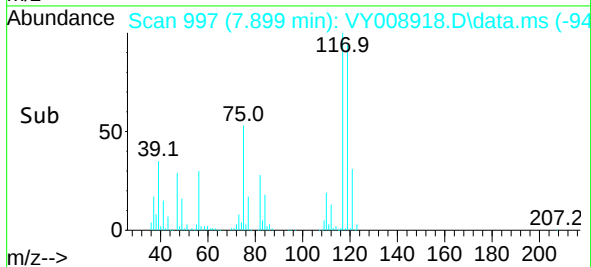
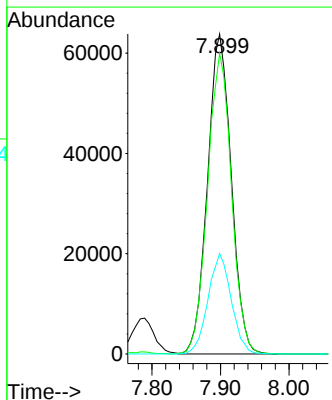
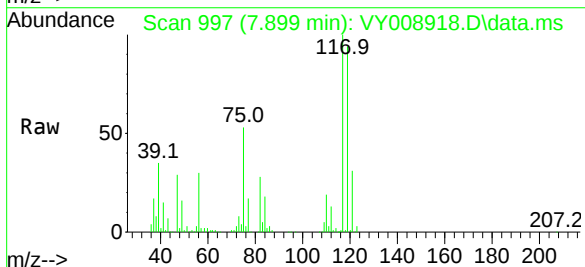
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

Tgt Ion: 43 Resp: 67151
Ion Ratio Lower Upper
43 100
61 13.8 9.7 14.5
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.553 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 117 Resp: 153658
Ion Ratio Lower Upper
117 100
119 93.9 77.9 116.9
121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 52.413 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052022

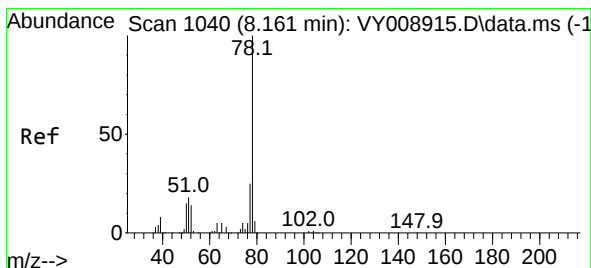
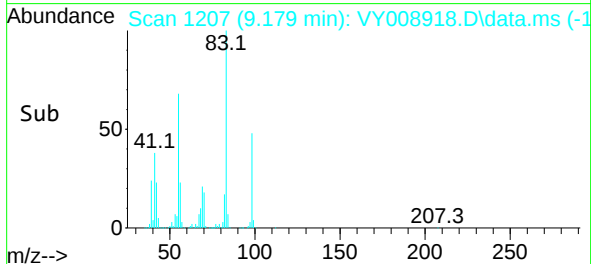
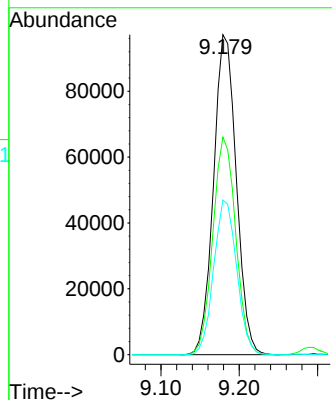
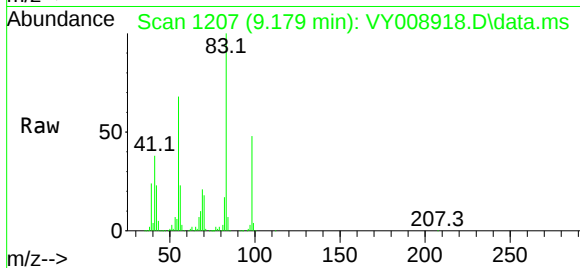
Tgt Ion: 83 Resp: 196573

Ion Ratio Lower Upper

83 100

55 68.0 66.5 99.7

98 48.3 37.9 56.9



#40

Benzene

Concen: 50.701 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008918.D

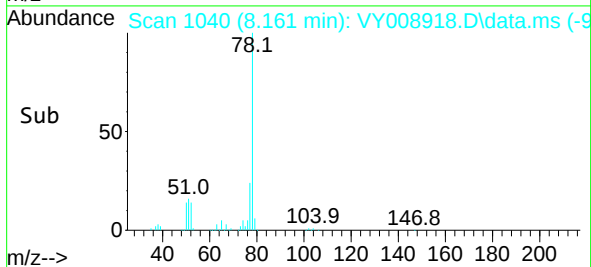
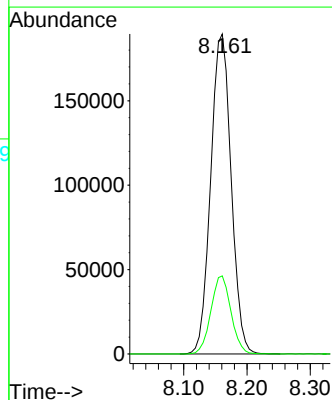
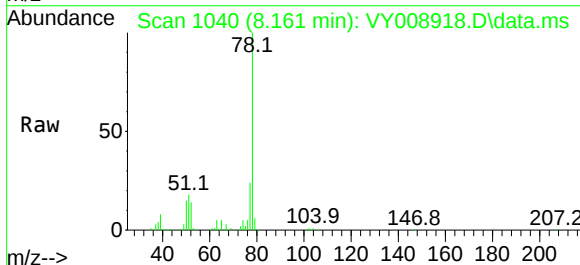
Acq: 20 May 2022 21:20

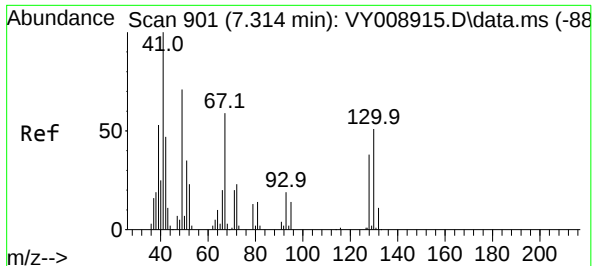
Tgt Ion: 78 Resp: 424805

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6

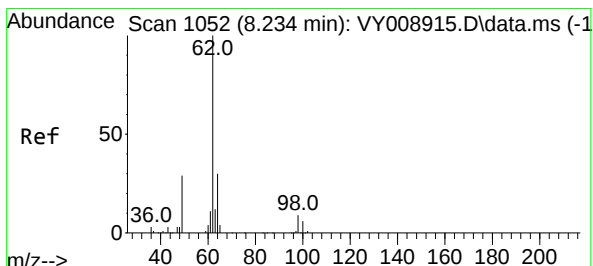
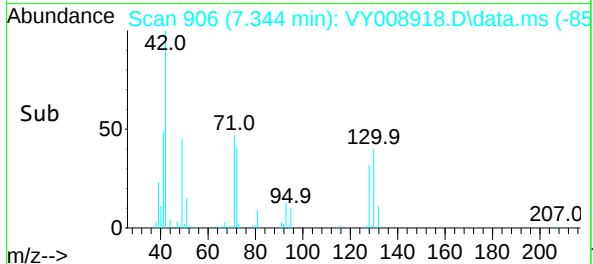
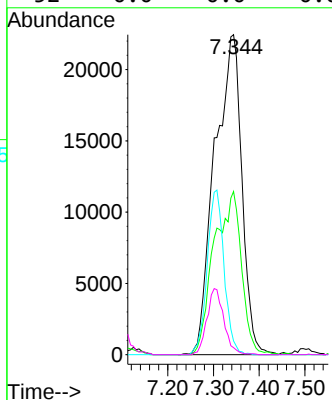
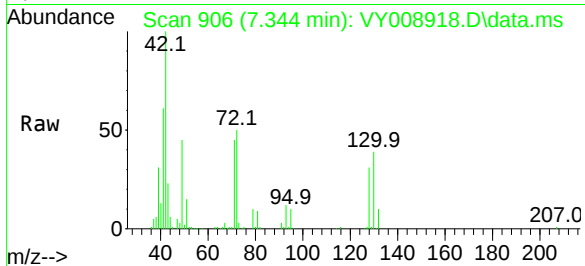




#41
Methacrylonitrile
Concen: 118.443 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

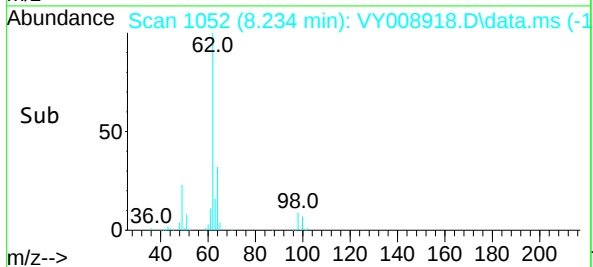
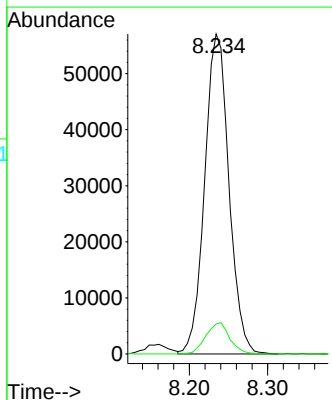
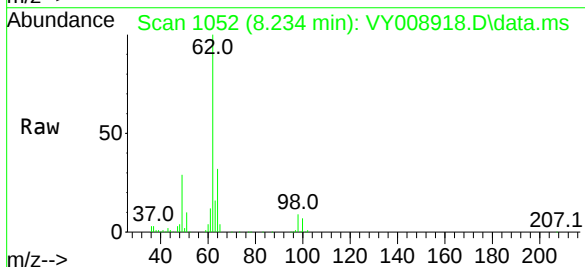
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

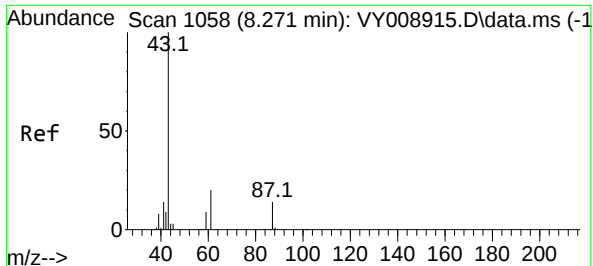
Tgt Ion: 41 Resp: 92121
Ion Ratio Lower Upper
41 100
39 51.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.859 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 62 Resp: 122668
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8

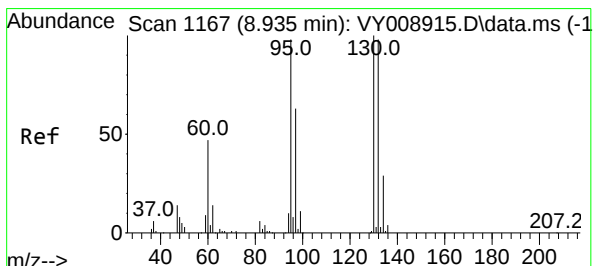
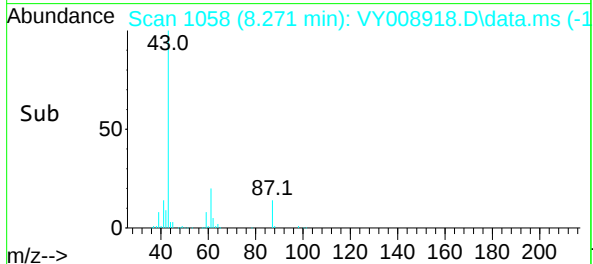
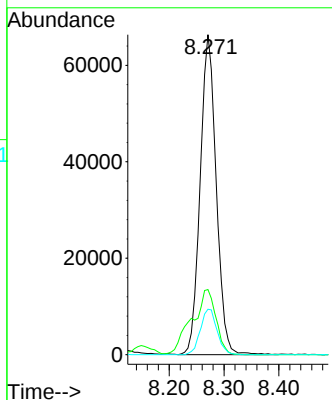
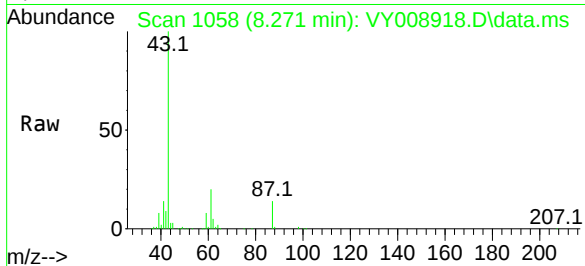




#43
Isopropyl Acetate
Concen: 48.153 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

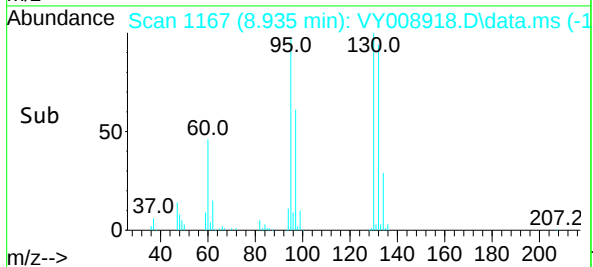
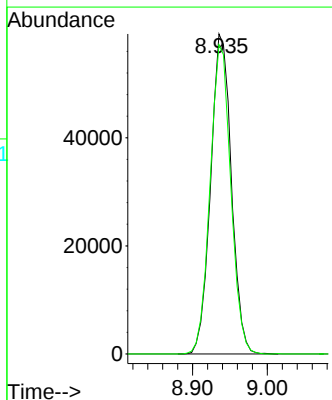
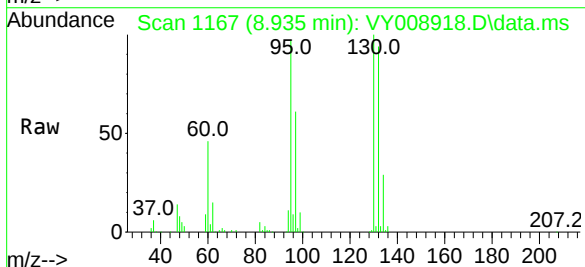
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

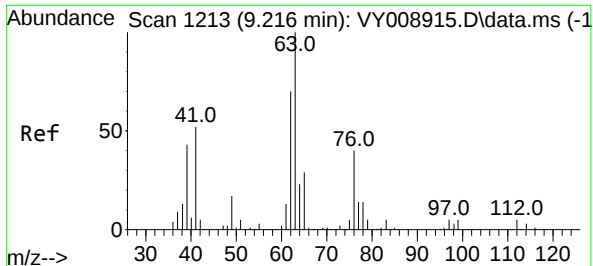
Tgt Ion: 43 Resp: 134949
Ion Ratio Lower Upper
43 100
61 30.5 20.2 30.2#
87 14.8 8.9 13.3#



#44
Trichloroethene
Concen: 51.337 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion:130 Resp: 113892
Ion Ratio Lower Upper
130 100
95 96.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.910 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

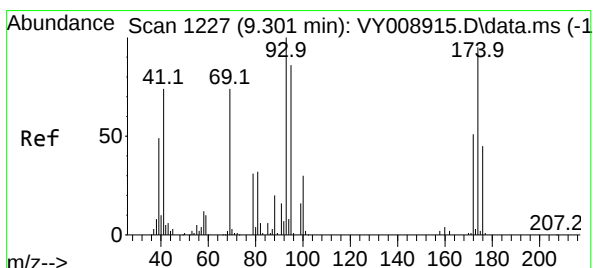
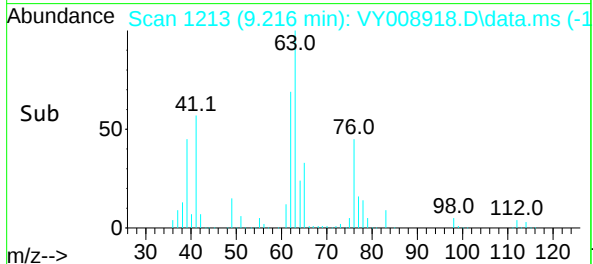
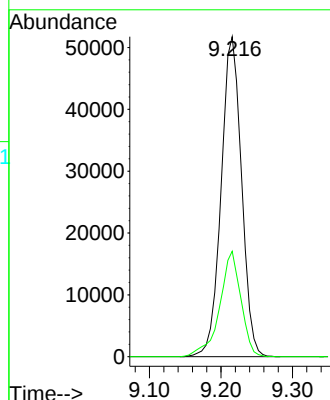
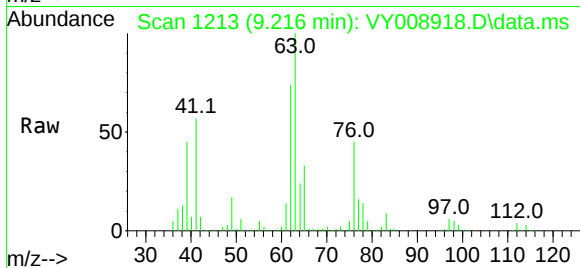
ICVY052022

Tgt Ion: 63 Resp: 102423

Ion Ratio Lower Upper

63 100

65 33.0 23.0 34.6



#46

Dibromomethane

Concen: 49.772 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

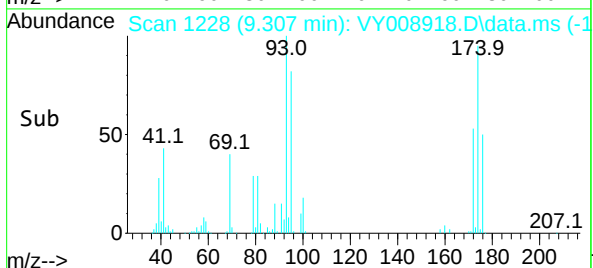
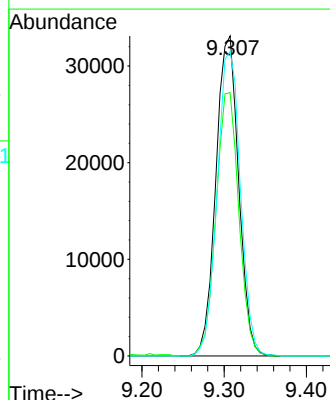
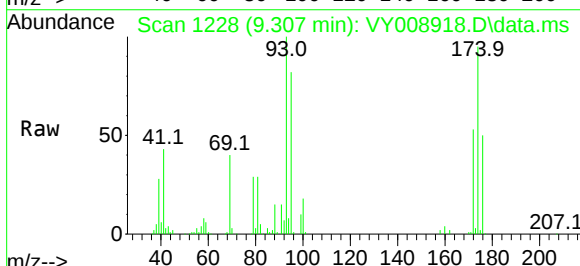
Tgt Ion: 93 Resp: 63670

Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 97.4 83.4 125.0

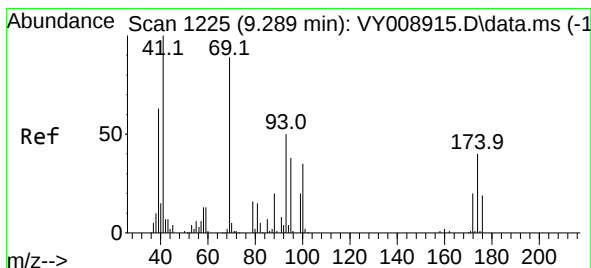
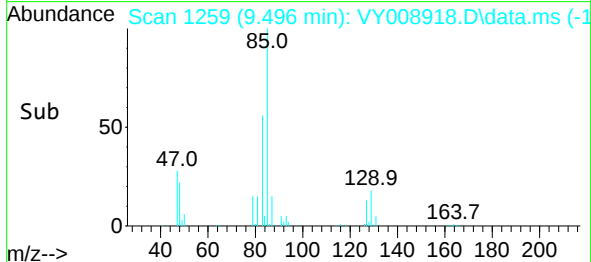
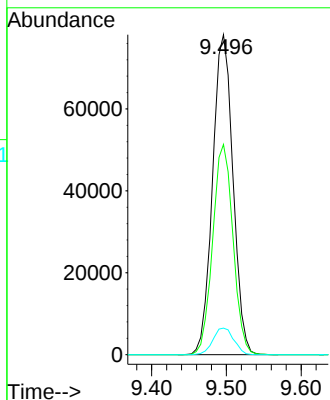
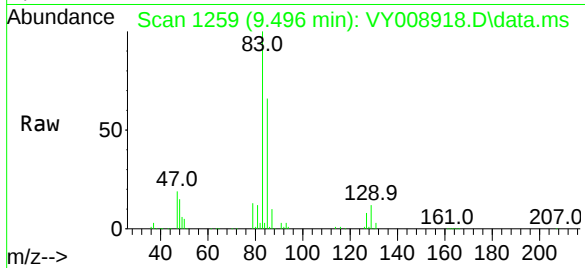




#47
Bromodichloromethane
Concen: 50.648 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

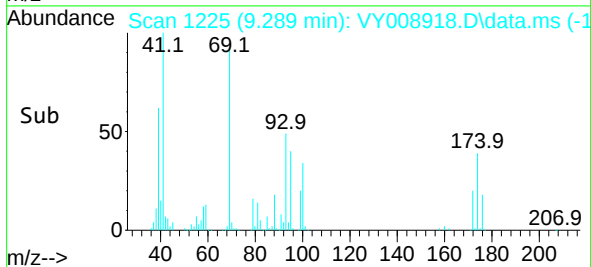
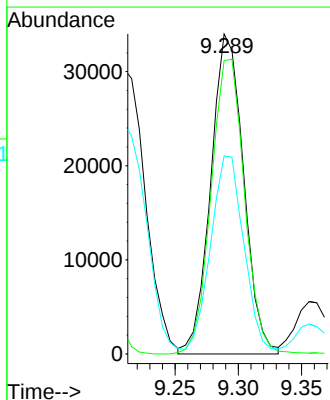
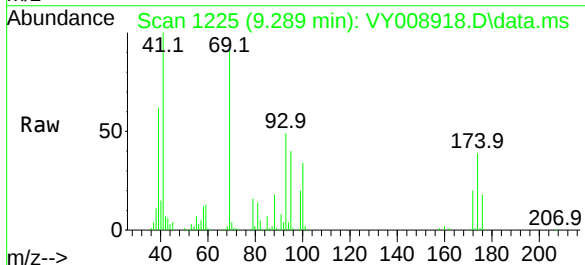
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

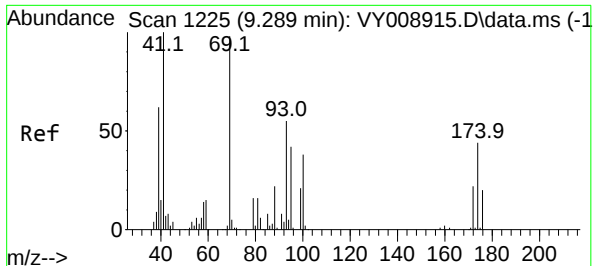
Tgt Ion: 83 Resp: 148072
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 48.992 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 41 Resp: 61309
Ion Ratio Lower Upper
41 100
69 94.0 58.2 87.2#
39 60.2 47.4 71.0





#49

1,4-Dioxane

Concen: 932.895 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052022

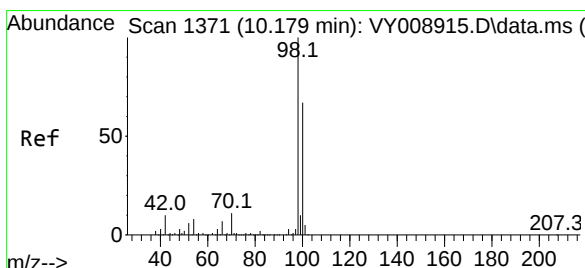
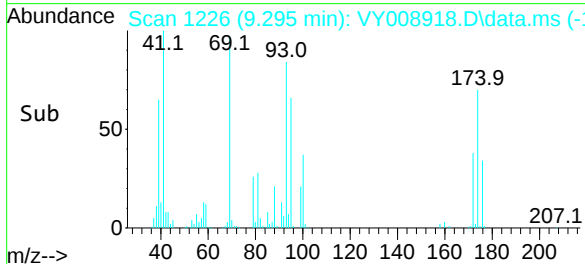
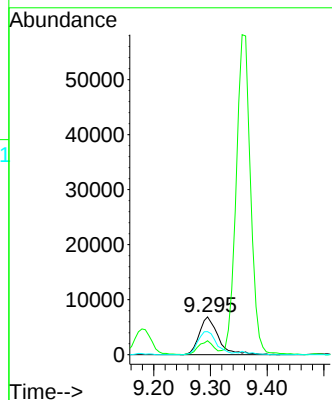
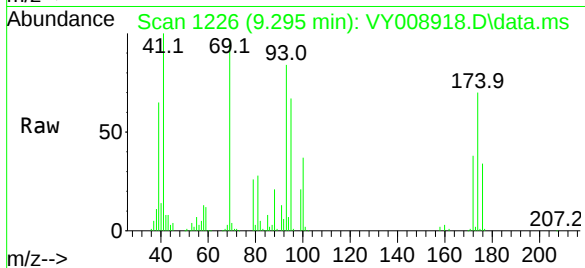
Tgt Ion: 88 Resp: 15953

Ion Ratio Lower Upper

88 100

43 29.2 32.8 49.2#

58 59.8 59.8 89.6



#50

Toluene-d8

Concen: 40.207 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008918.D

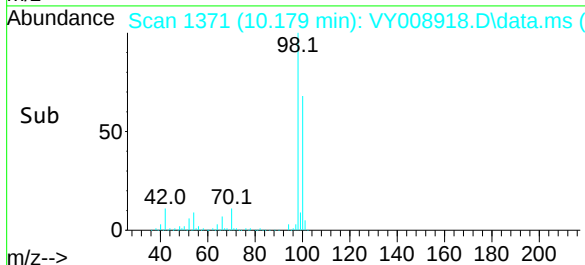
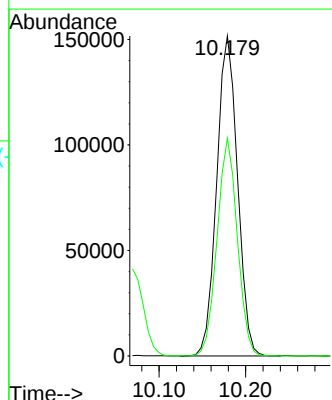
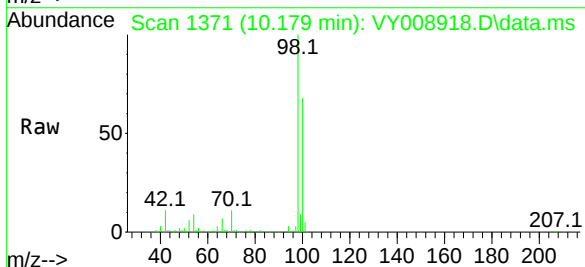
Acq: 20 May 2022 21:20

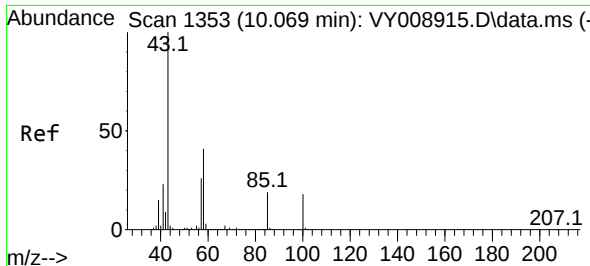
Tgt Ion: 98 Resp: 253249

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2

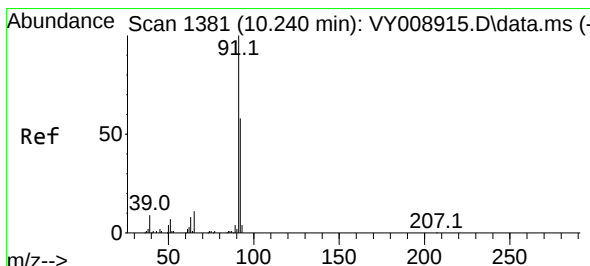
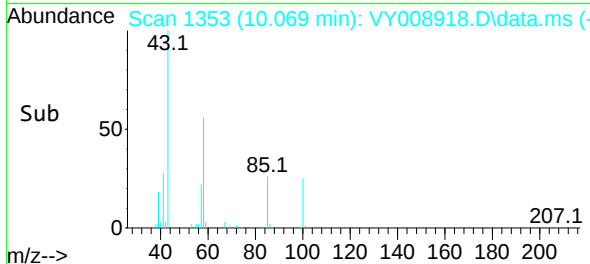
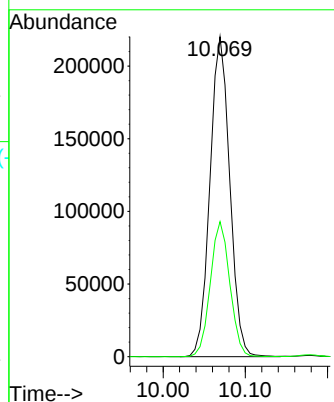
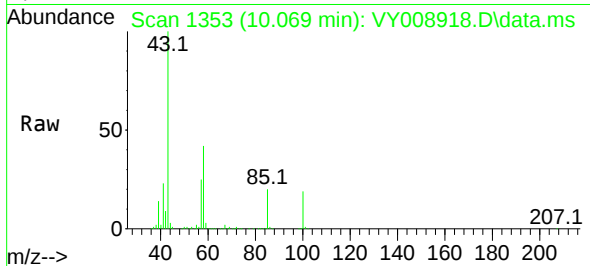




#51
4-Methyl-2-Pentanone
Concen: 238.094 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

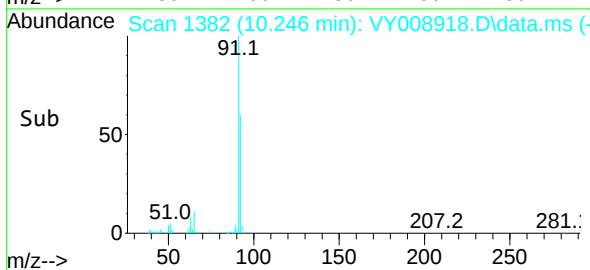
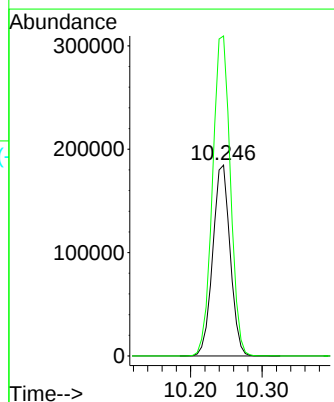
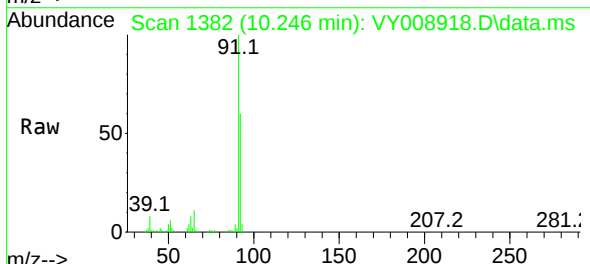
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

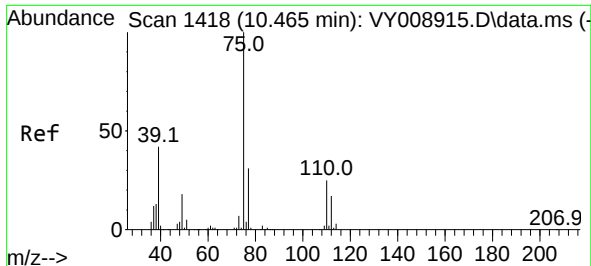
Tgt Ion: 43 Resp: 369286
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 53.173 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 92 Resp: 311343
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

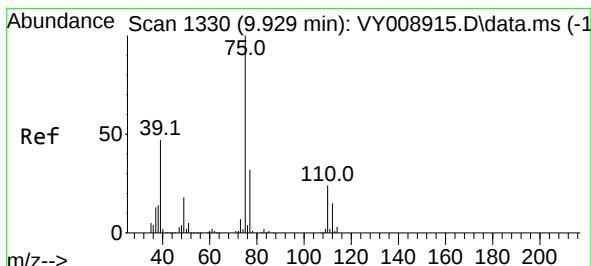
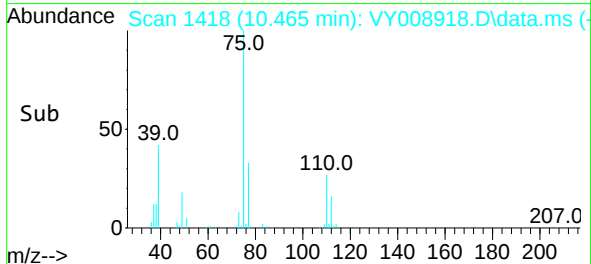
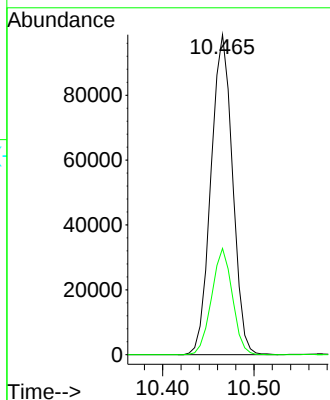
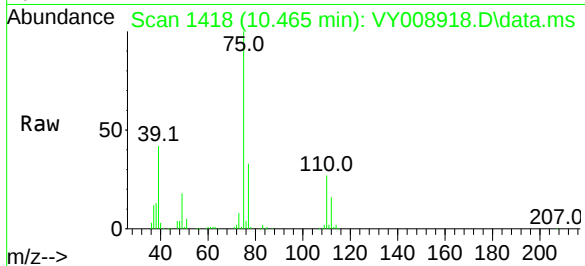




#53
t-1,3-Dichloropropene
Concen: 52.083 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

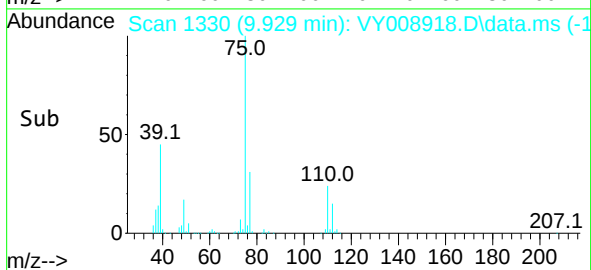
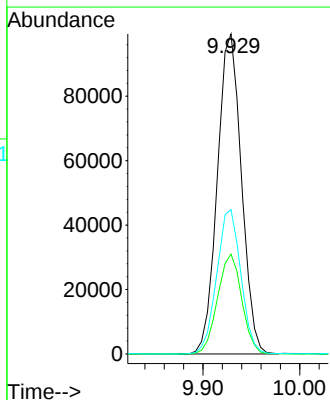
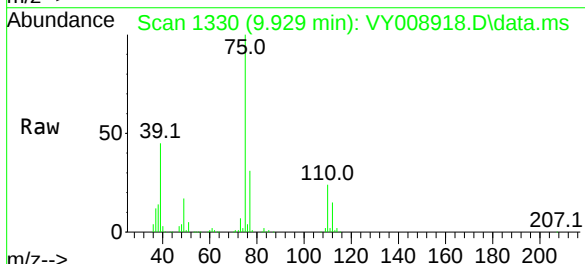
Instrument : MSVOA_Y
ClientSampleId : ICVVY052022

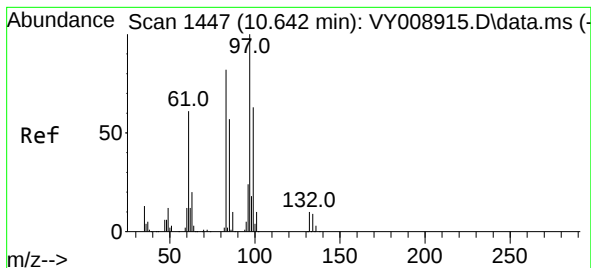
Tgt Ion: 75 Resp: 161698
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.502 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 75 Resp: 171893
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 45.1 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 50.038 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052022

Tgt Ion: 97 Resp: 89554

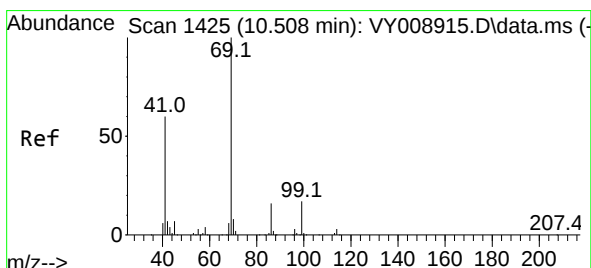
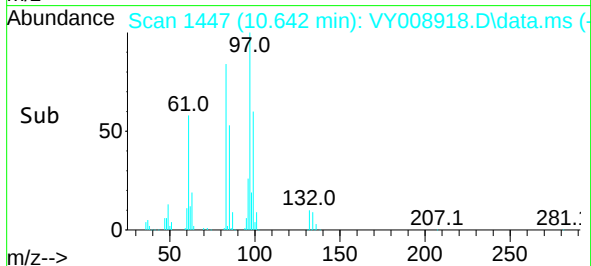
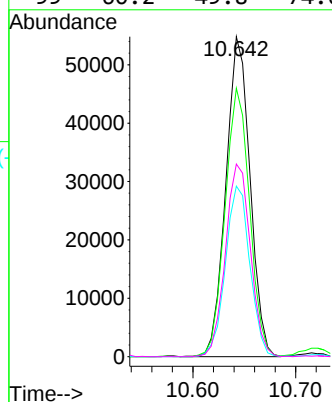
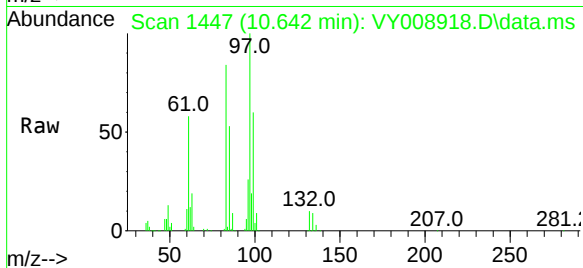
Ion Ratio Lower Upper

97 100

83 83.9 69.8 104.8

85 53.3 44.3 66.5

99 60.2 49.8 74.6



#56

Ethyl methacrylate

Concen: 52.136 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

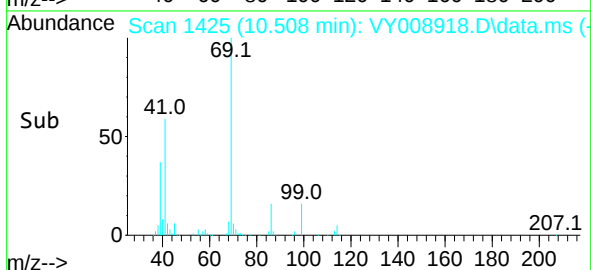
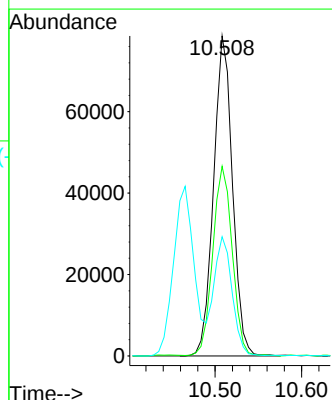
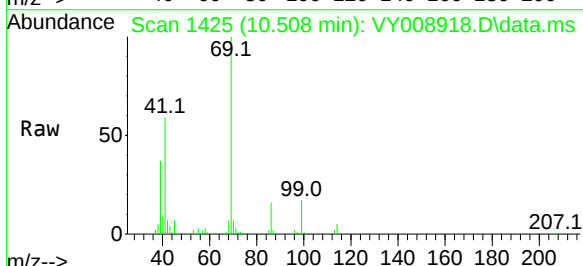
Tgt Ion: 69 Resp: 119294

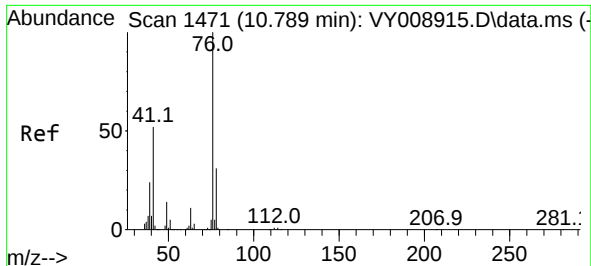
Ion Ratio Lower Upper

69 100

41 61.2 63.4 95.0#

39 35.4 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 50.506 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

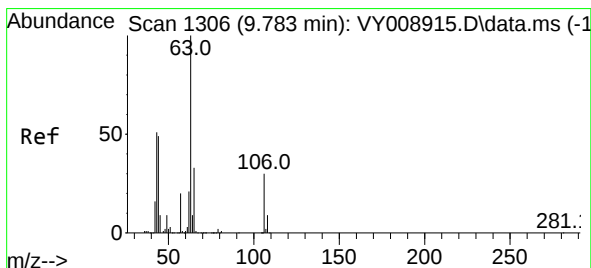
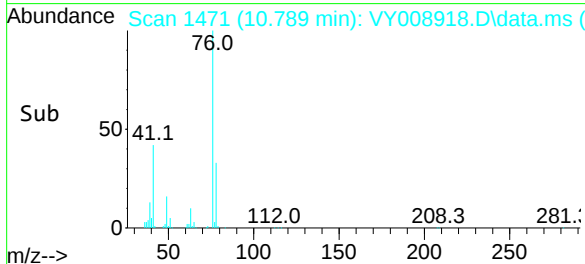
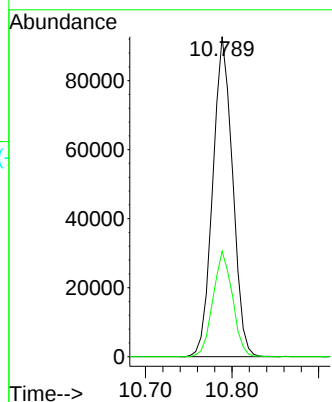
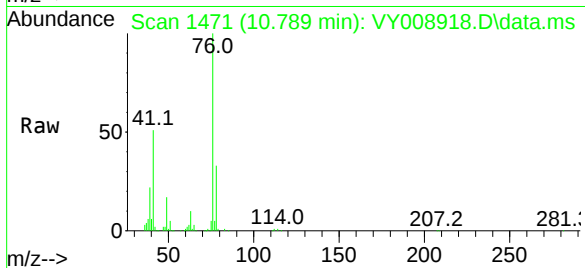
ICVY052022

Tgt Ion: 76 Resp: 147452

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 246.014 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008918.D

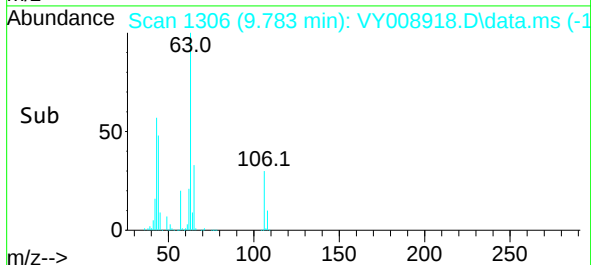
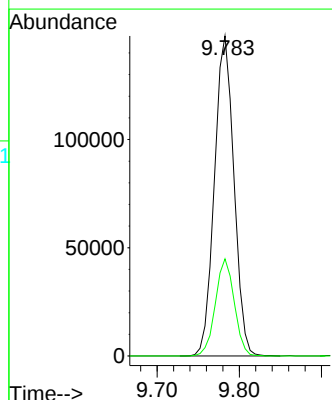
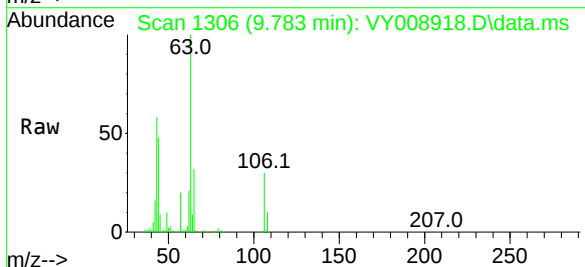
Acq: 20 May 2022 21:20

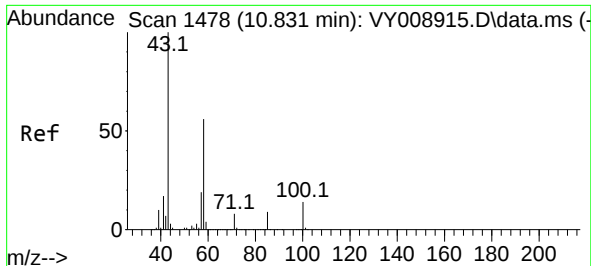
Tgt Ion: 63 Resp: 243534

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

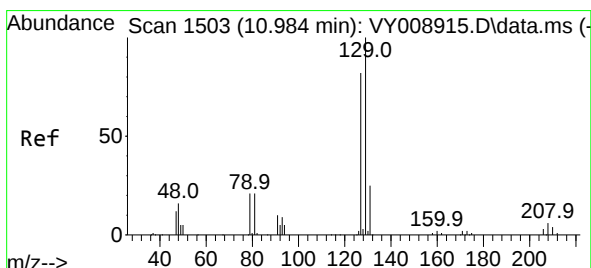
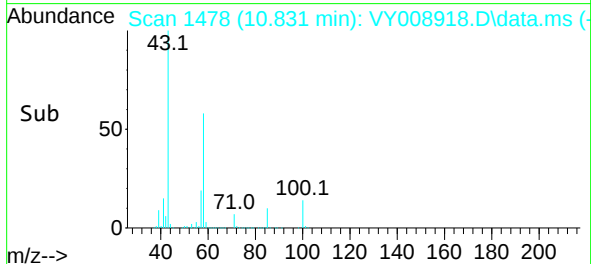
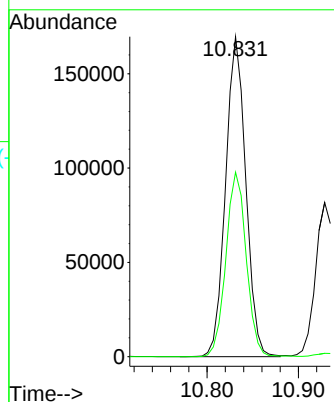
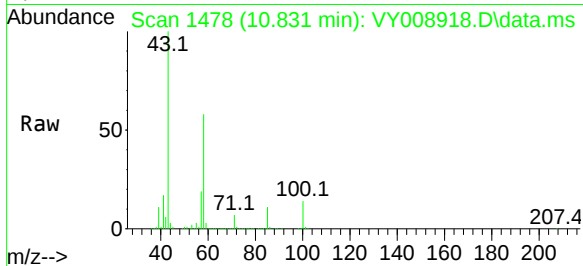




#59
2-Hexanone
Concen: 245.622 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

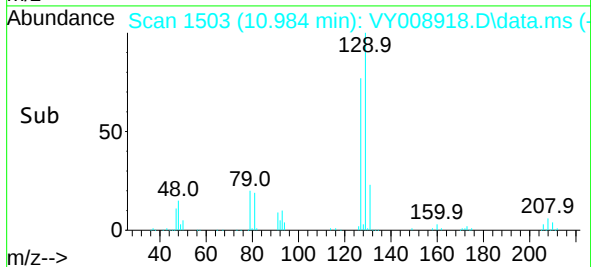
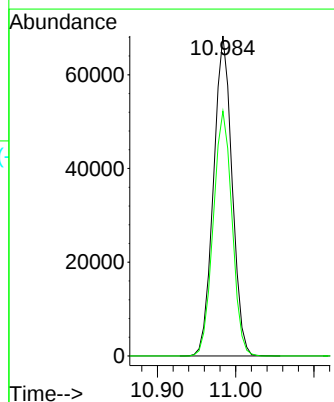
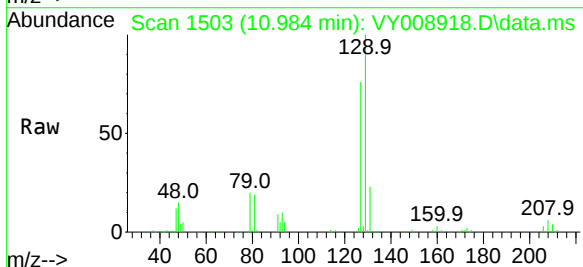
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

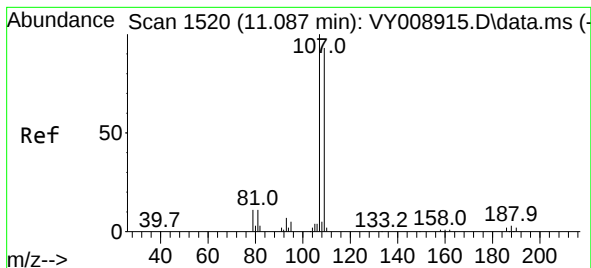
Tgt Ion: 43 Resp: 260834
Ion Ratio Lower Upper
43 100
58 58.1 24.4 73.4



#60
Dibromochloromethane
Concen: 51.917 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion:129 Resp: 112635
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.421 ug/l

RT: 11.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

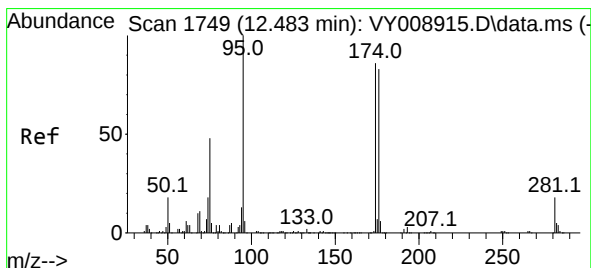
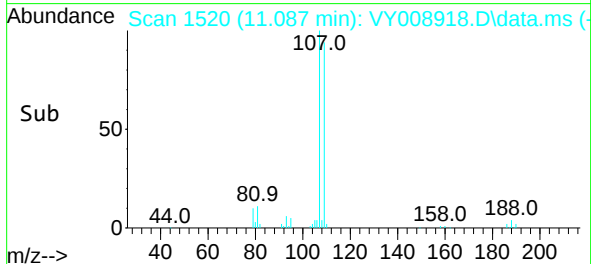
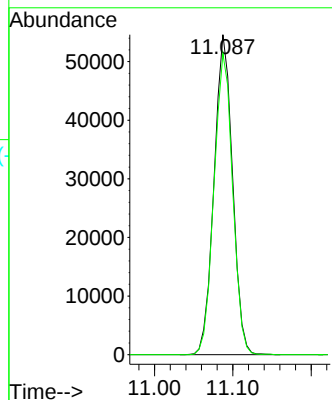
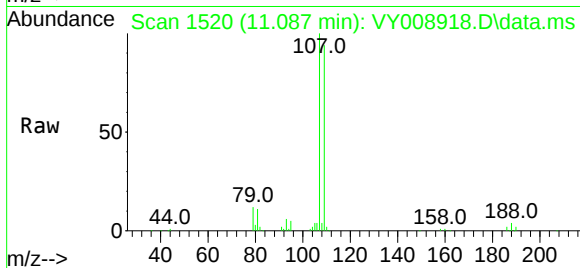
ICVVY052022

Tgt Ion:107 Resp: 89421

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 54.101 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

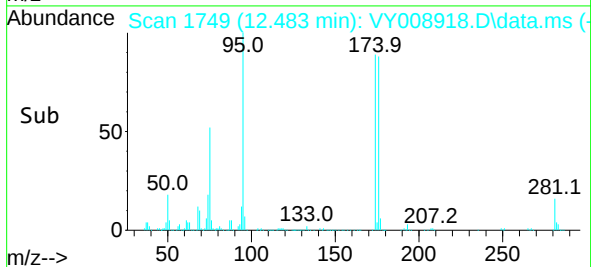
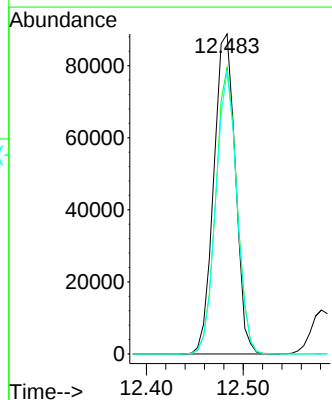
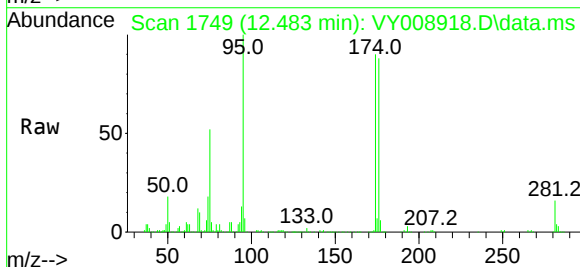
Tgt Ion: 95 Resp: 137461

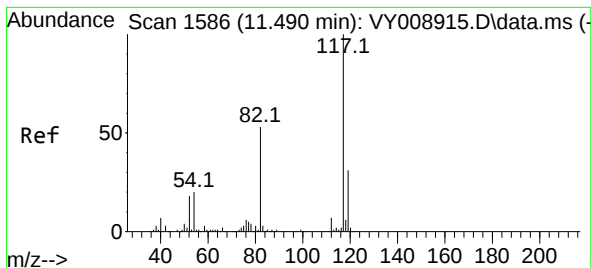
Ion Ratio Lower Upper

95 100

174 87.7 0.0 177.0

176 85.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052022

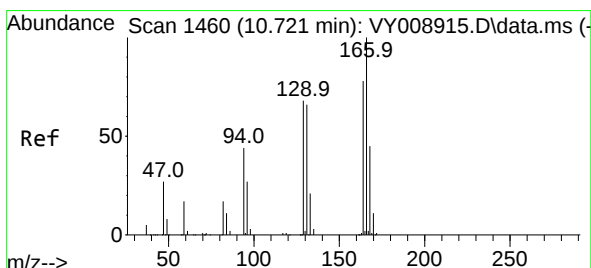
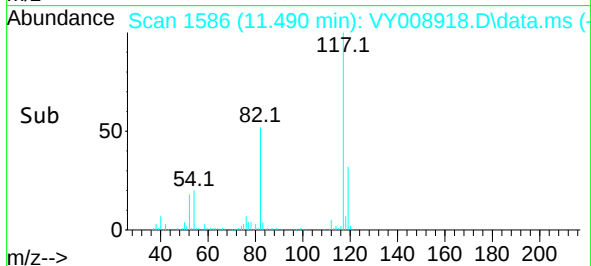
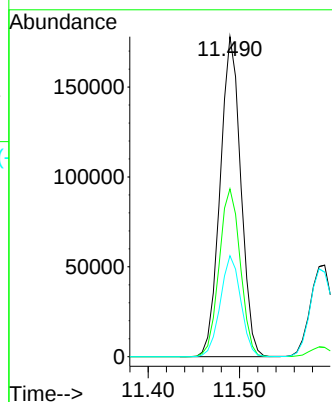
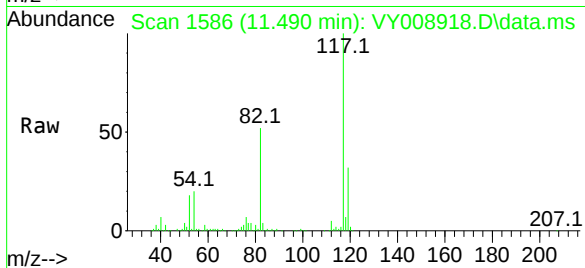
Tgt Ion:117 Resp: 279833

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 50.315 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Tgt Ion:164 Resp: 102481

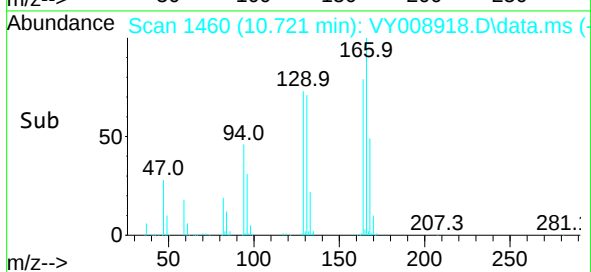
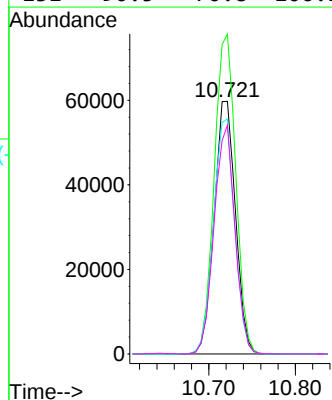
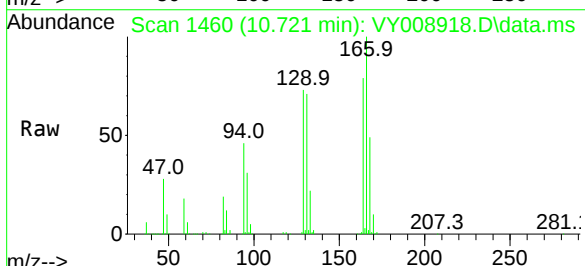
Ion Ratio Lower Upper

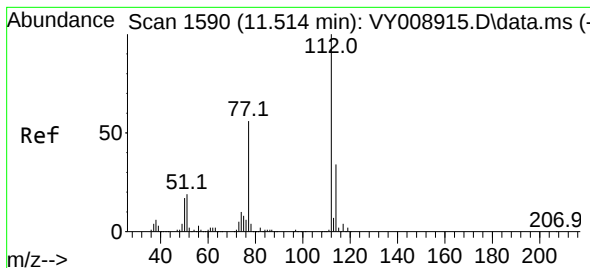
164 100

166 126.7 100.4 150.6

129 93.0 71.4 107.0

131 90.5 70.8 106.2





#65

Chlorobenzene

Concen: 51.646 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

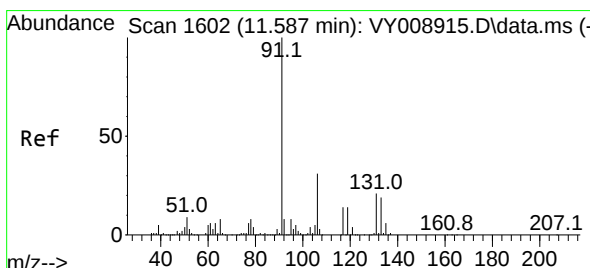
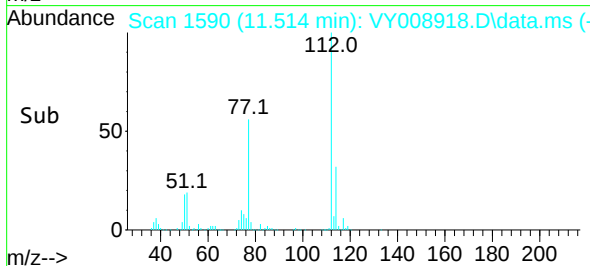
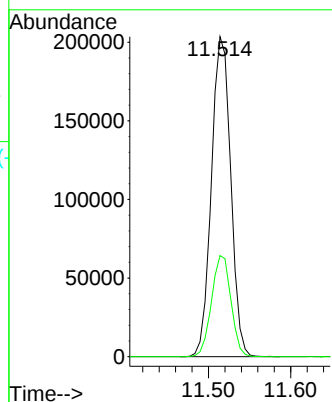
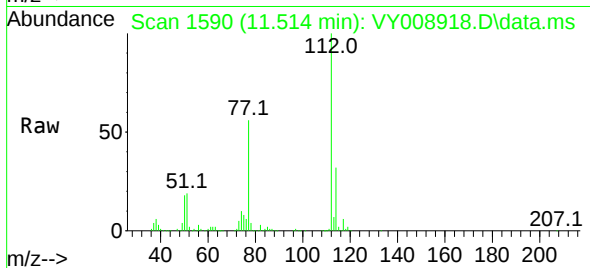
ICVVY052022

Tgt Ion:112 Resp: 331711

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.265 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

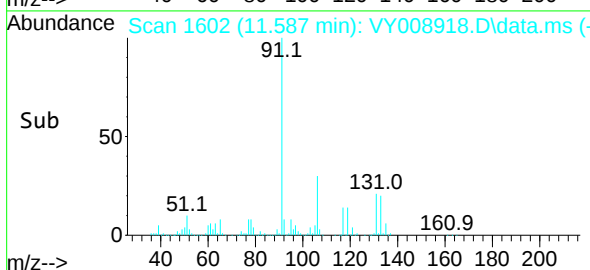
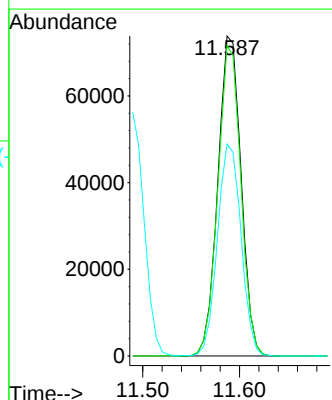
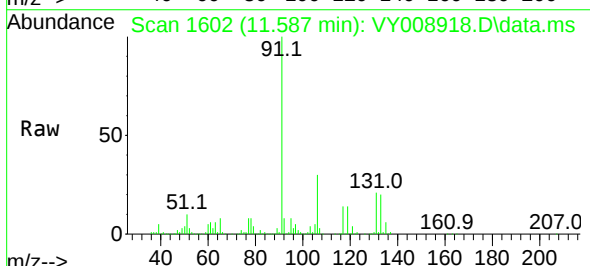
Tgt Ion:131 Resp: 122917

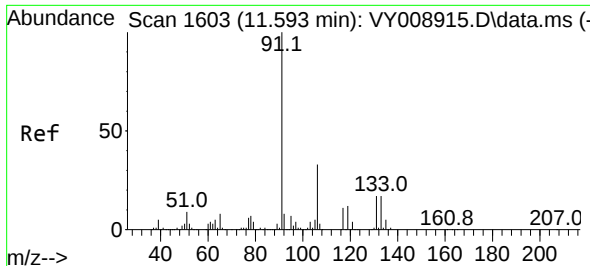
Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

119 67.5 30.8 92.3

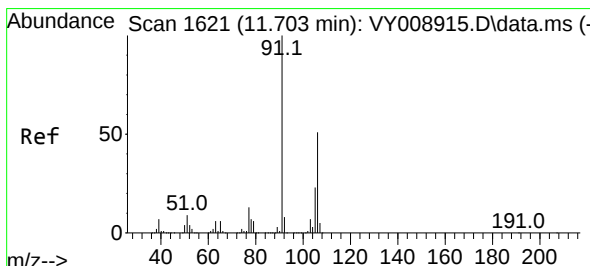
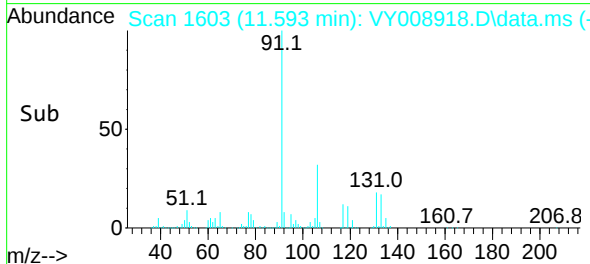
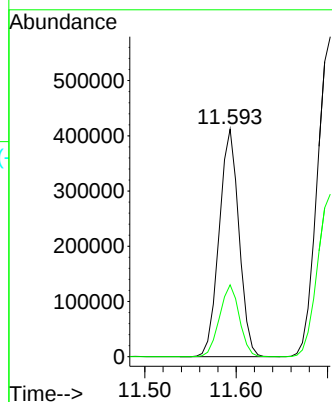
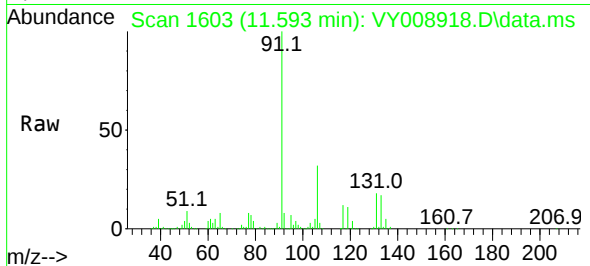




#67
Ethyl Benzene
Concen: 53.608 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

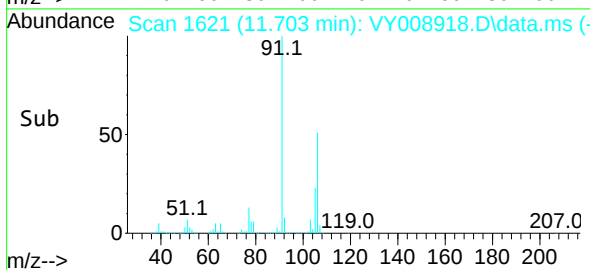
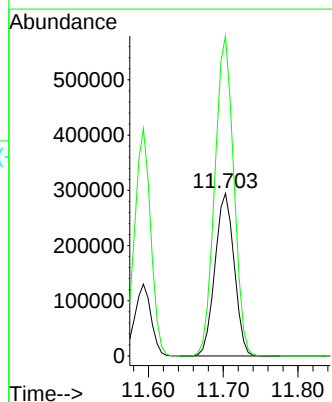
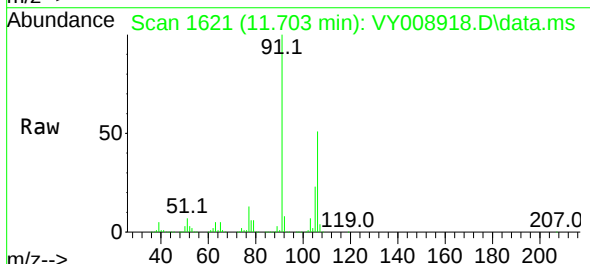
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052022

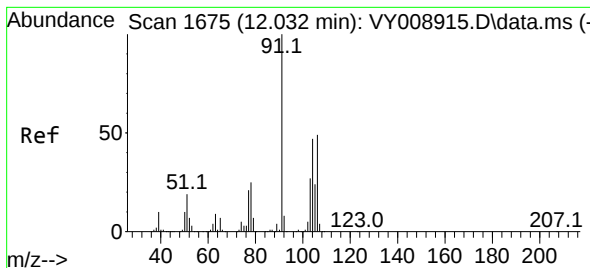
Tgt Ion: 91 Resp: 620500
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 111.775 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 106 Resp: 525208
Ion Ratio Lower Upper
106 100
91 194.7 166.6 249.8





#69

o-Xylene

Concen: 56.145 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

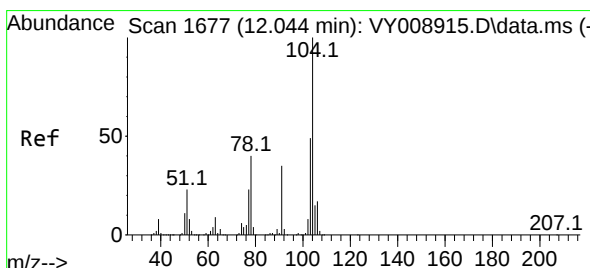
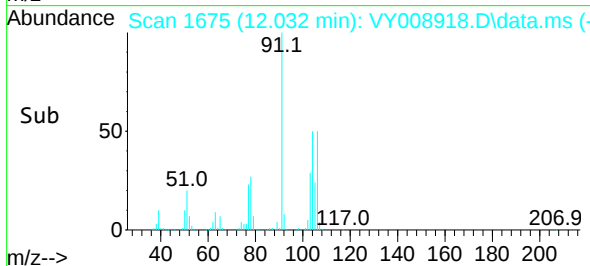
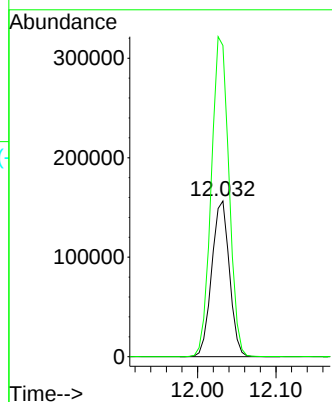
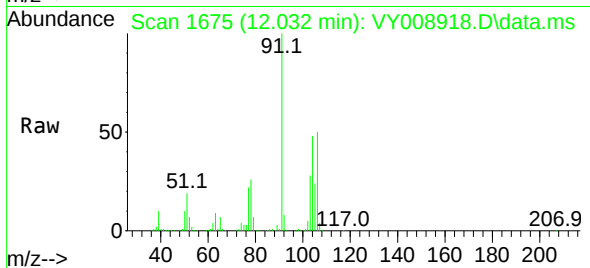
ICVVY052022

Tgt Ion:106 Resp: 244986

Ion Ratio Lower Upper

106 100

91 205.9 110.3 331.0



#70

Styrene

Concen: 57.388 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

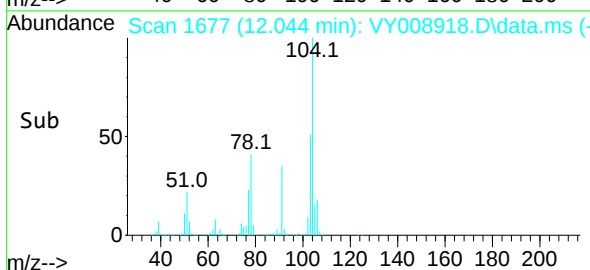
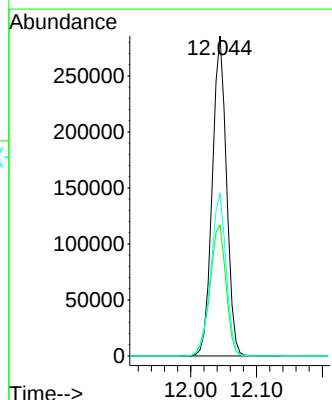
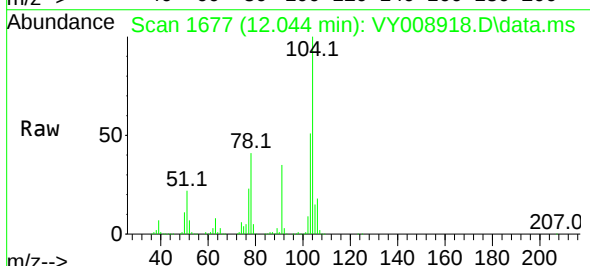
Tgt Ion:104 Resp: 430632

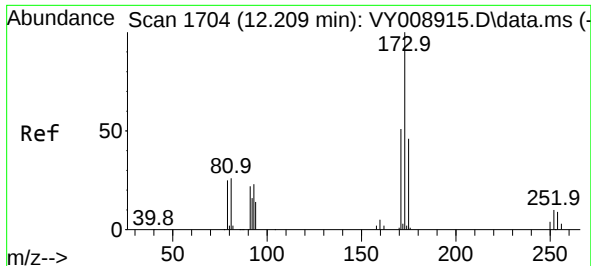
Ion Ratio Lower Upper

104 100

78 46.1 42.4 63.6

103 54.3 44.4 66.6

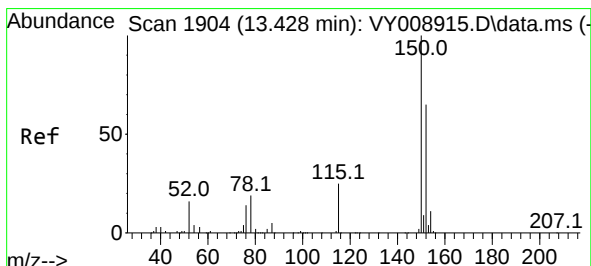
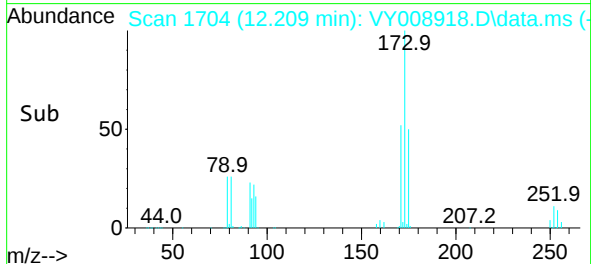
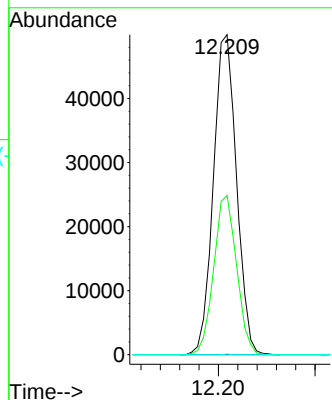
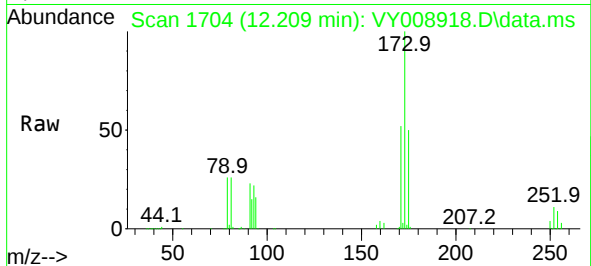




#71
Bromoform
Concen: 53.095 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

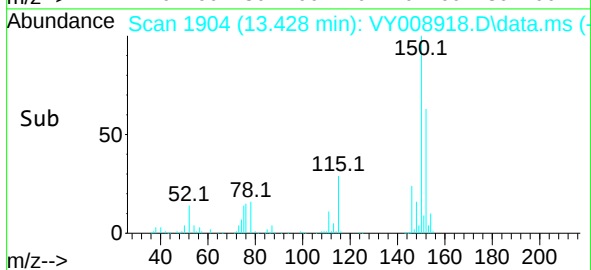
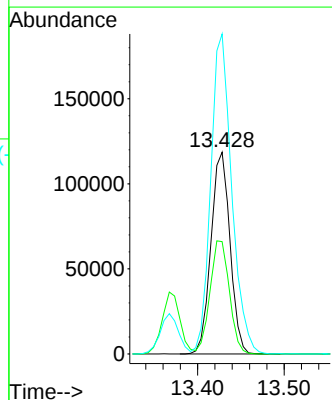
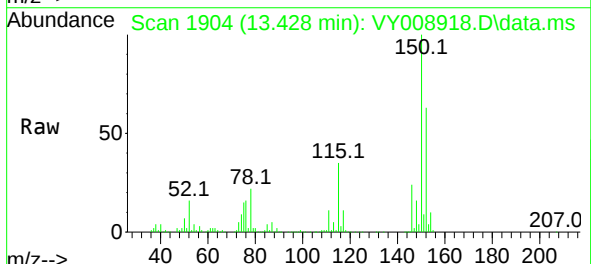
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

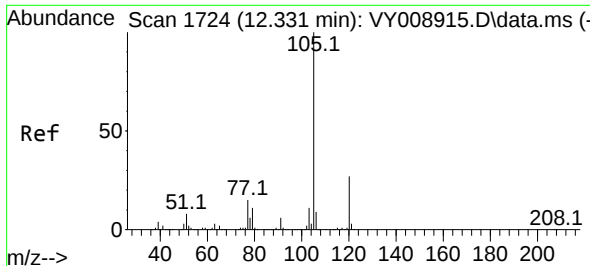
Tgt Ion:173 Resp: 82777
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion:152 Resp: 181264
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 174.5 0.0 347.6

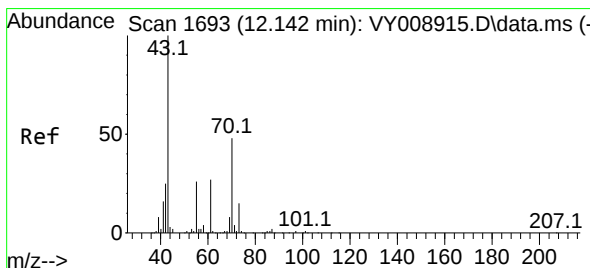
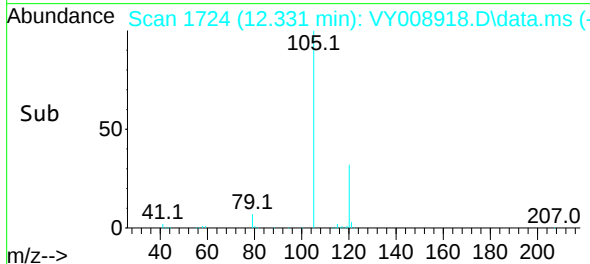
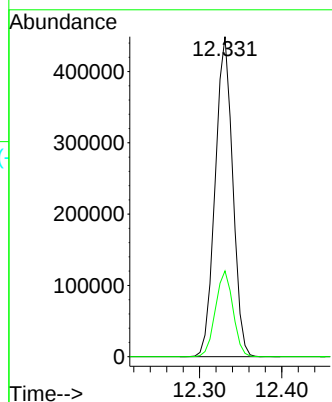
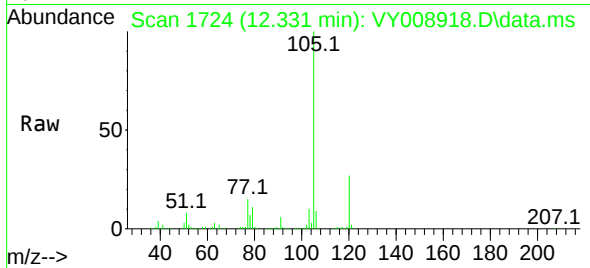




#73
Isopropylbenzene
Concen: 48.954 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

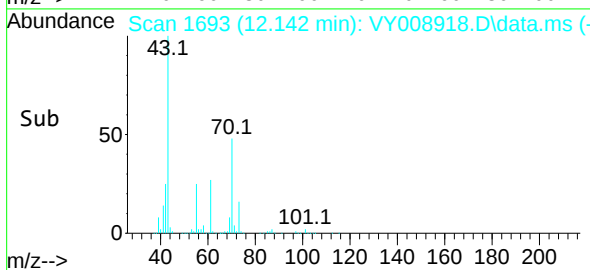
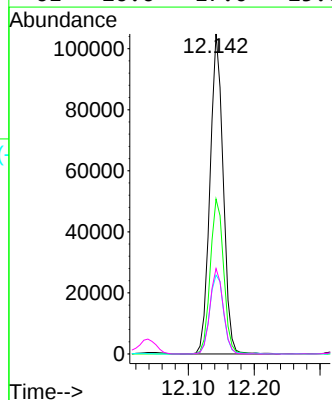
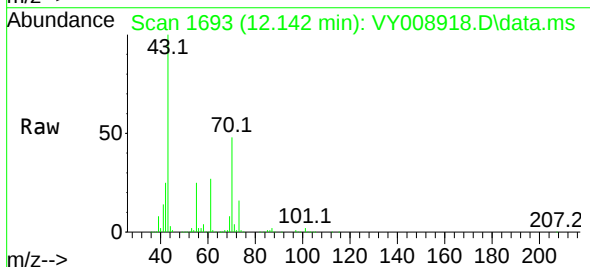
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

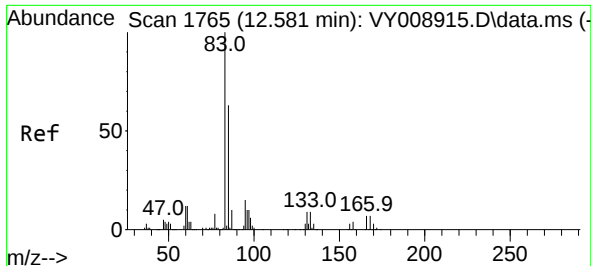
Tgt Ion:105 Resp: 663518
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 46.754 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 43 Resp: 146209
Ion Ratio Lower Upper
43 100
70 49.0 28.7 43.1#
55 26.2 17.3 25.9#
61 26.6 17.0 25.6#

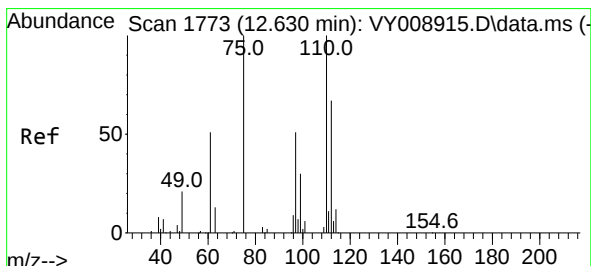
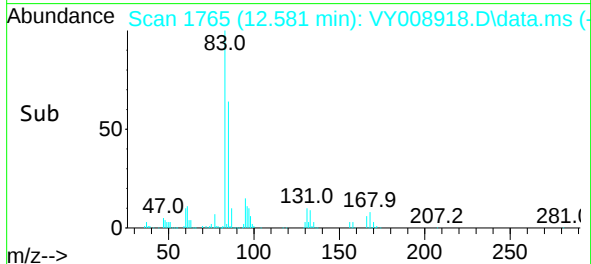
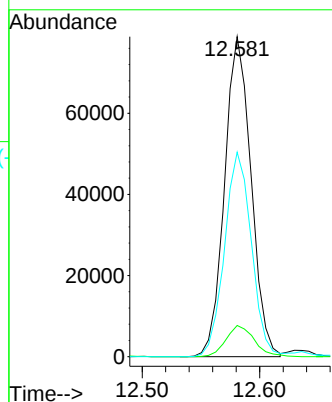
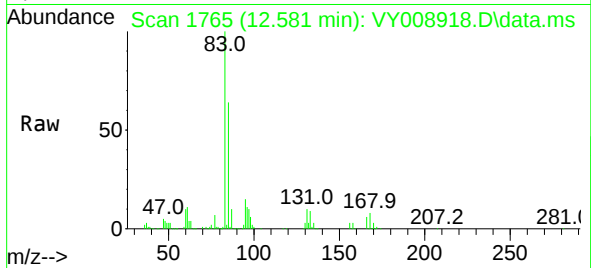




#75
1,1,2,2-Tetrachloroethane
Concen: 44.321 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

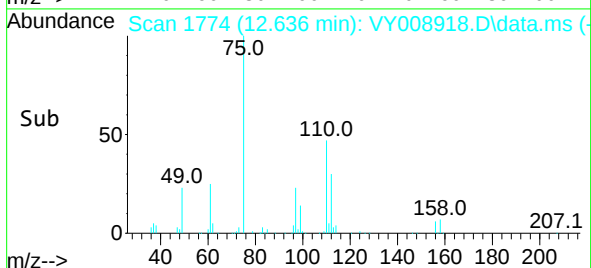
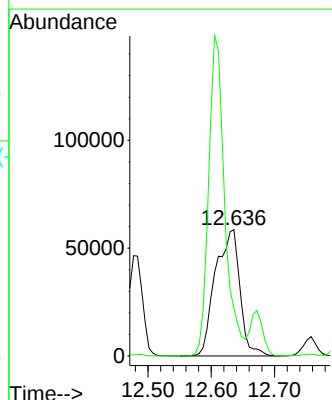
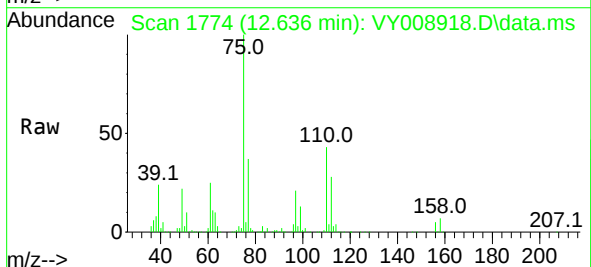
Instrument : MSVOA_Y
ClientSampleId : ICVVY052022

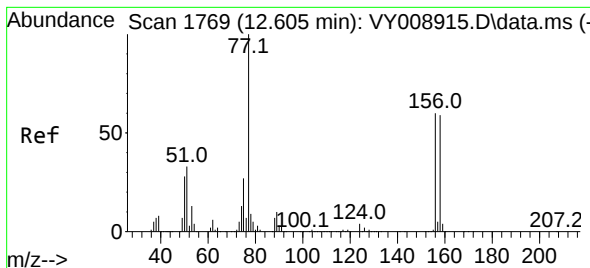
Tgt Ion: 83 Resp: 123747
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 81.109 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 75 Resp: 157884
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.547 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052022

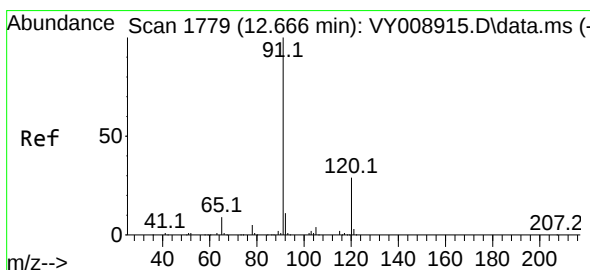
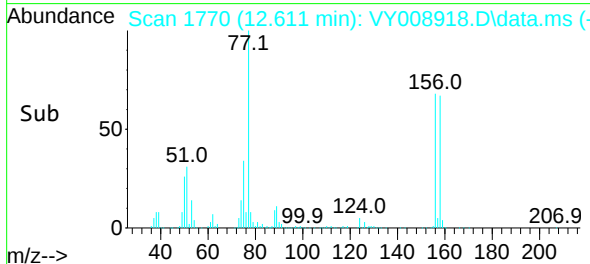
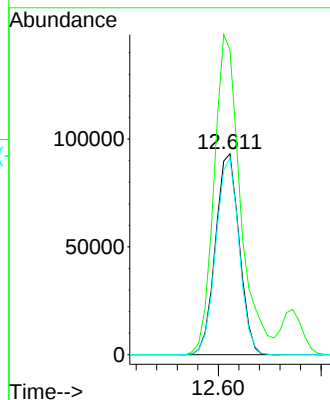
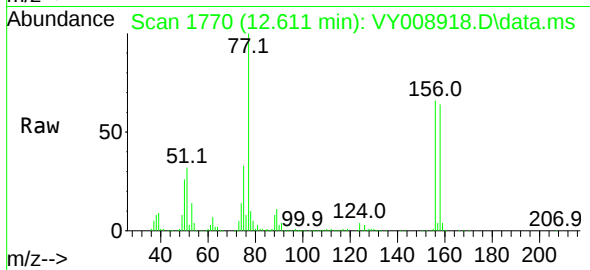
Tgt Ion:156 Resp: 149387

Ion Ratio Lower Upper

156 100

77 177.1 95.5 286.4

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 52.240 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY008918.D

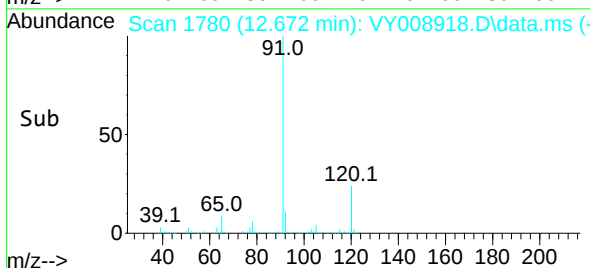
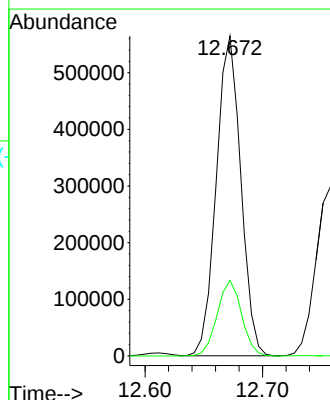
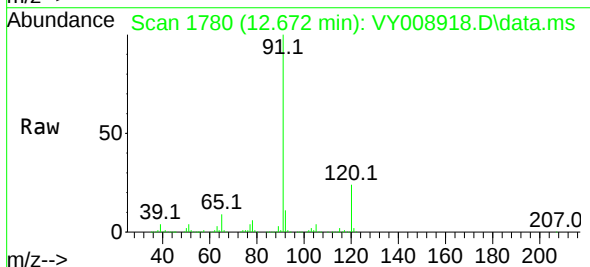
Acq: 20 May 2022 21:20

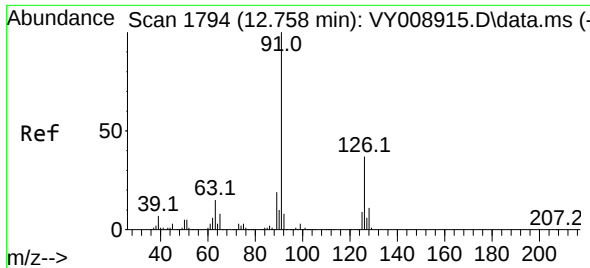
Tgt Ion: 91 Resp: 818059

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9

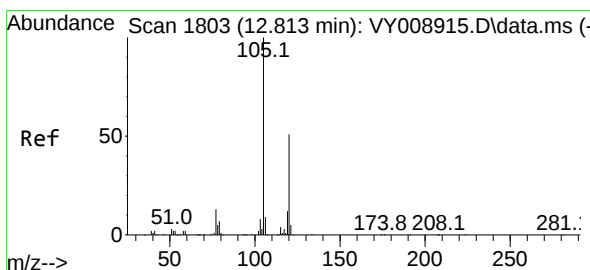
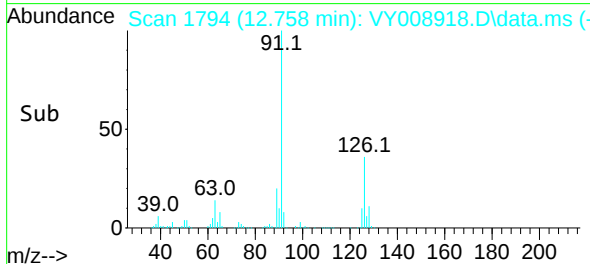
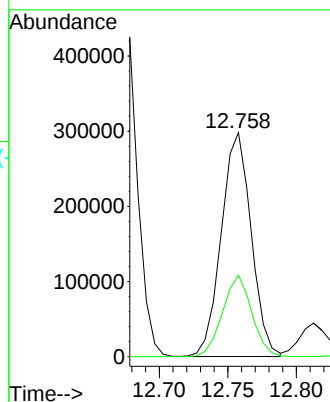
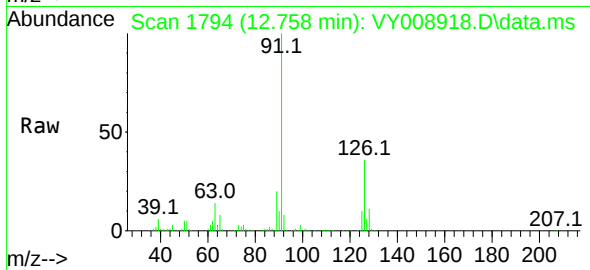




#79
2-Chlorotoluene
Concen: 50.053 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

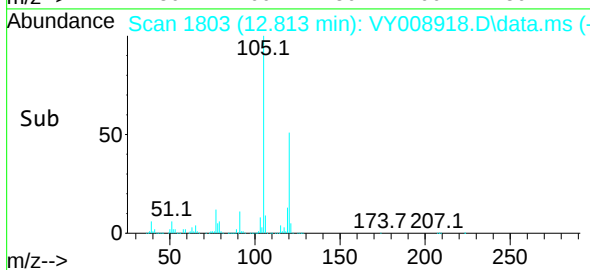
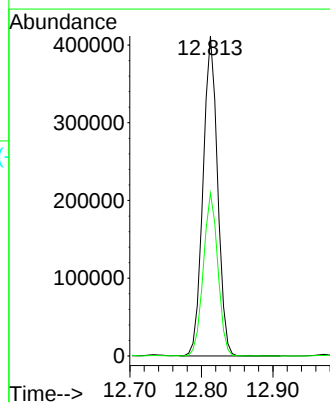
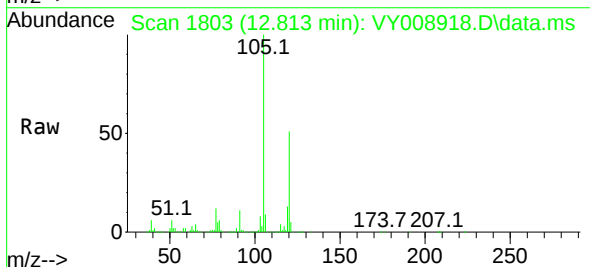
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

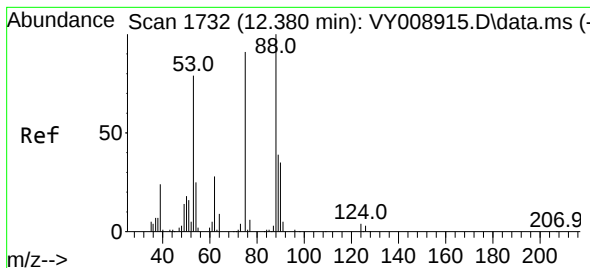
Tgt Ion: 91 Resp: 452119
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.235 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 105 Resp: 582059
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4

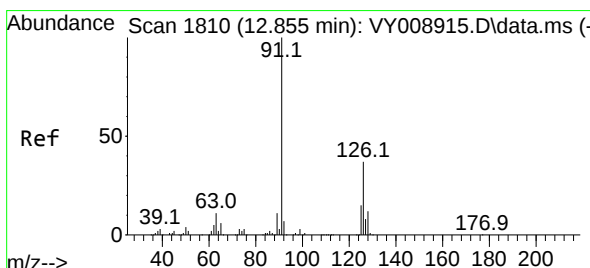
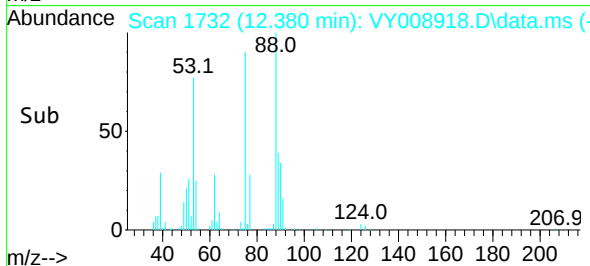
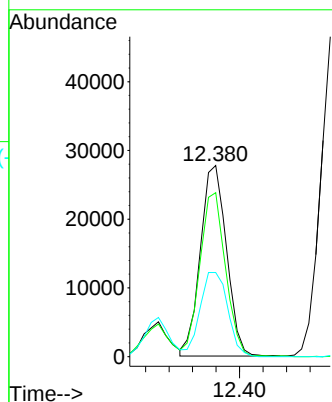
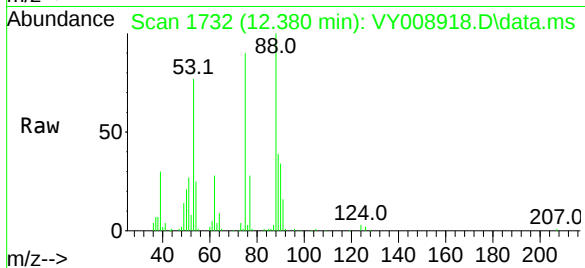




#81
trans-1,4-Dichloro-2-butene
Concen: 45.097 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

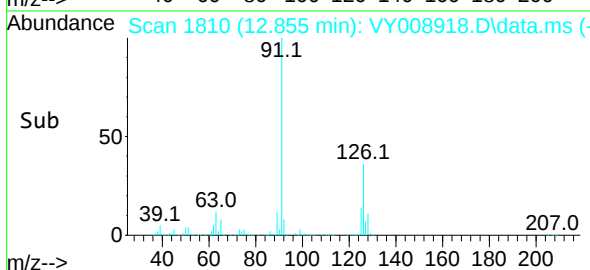
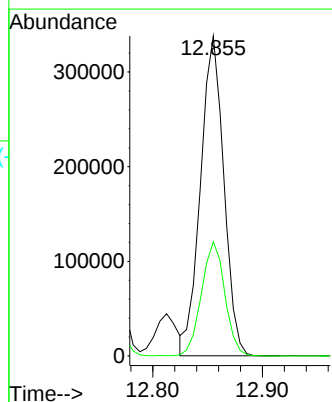
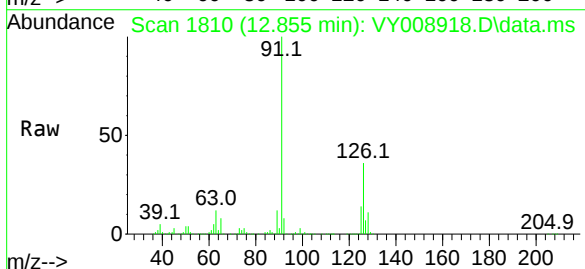
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052022

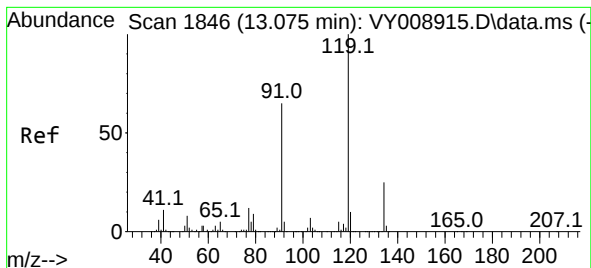
Tgt Ion: 75 Resp: 42769
Ion Ratio Lower Upper
75 100
53 85.2 85.3 127.9#
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.623 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion: 91 Resp: 498739
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0

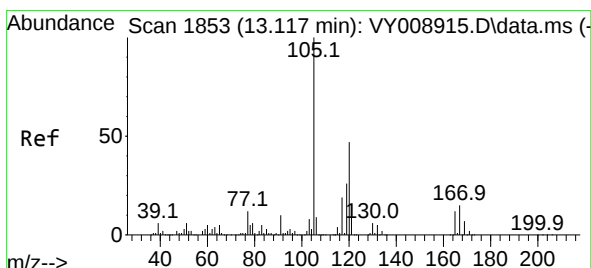
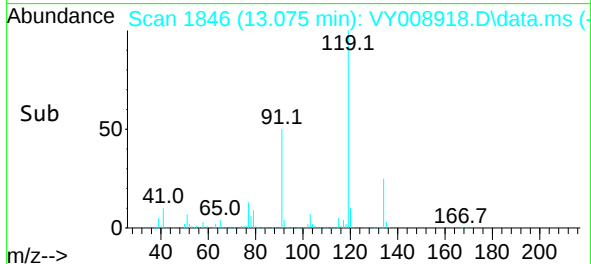
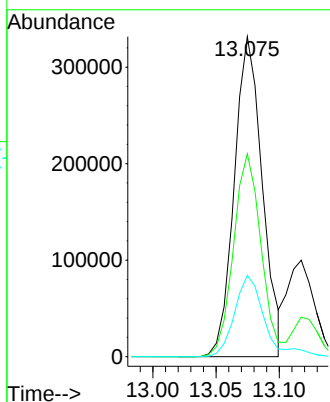
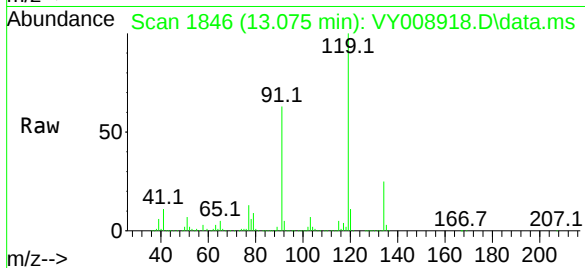




#83
tert-Butylbenzene
Concen: 50.774 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

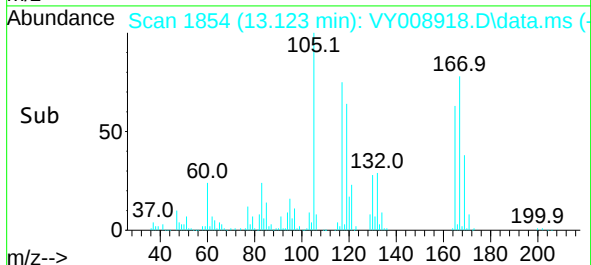
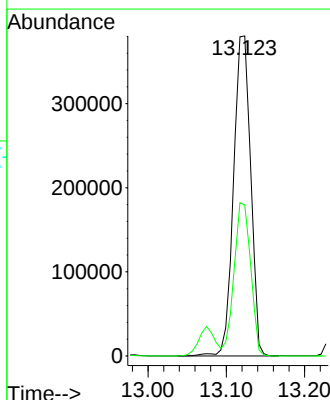
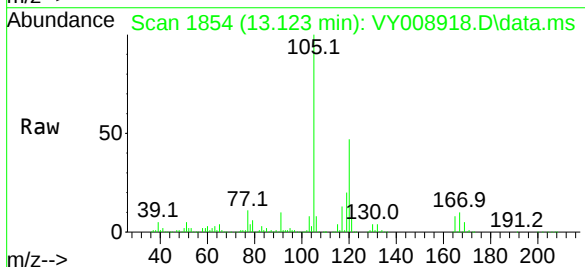
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

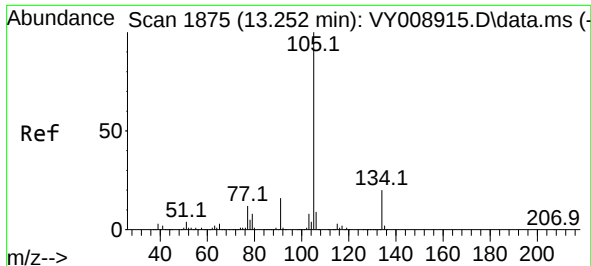
Tgt Ion:119 Resp: 511752
Ion Ratio Lower Upper
119 100
91 62.8 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.047 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion:105 Resp: 575693
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9

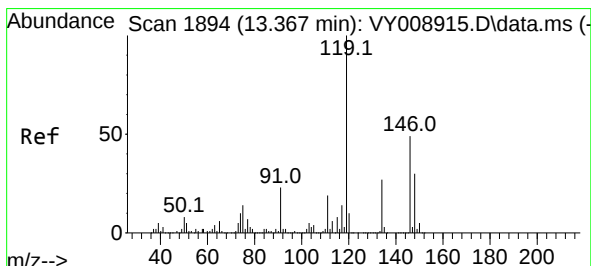
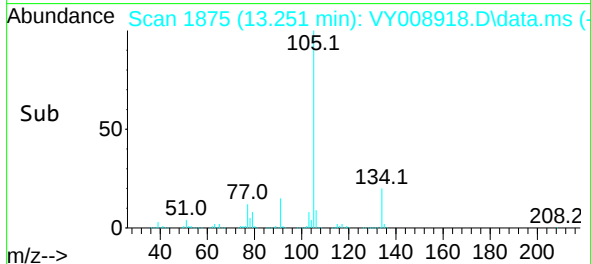
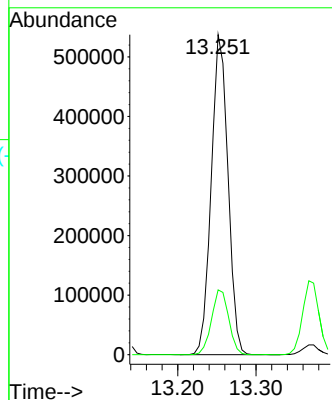
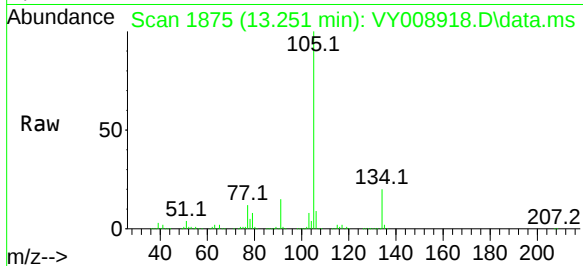




#85
 sec-Butylbenzene
 Concen: 51.565 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY008918.D
 Acq: 20 May 2022 21:20

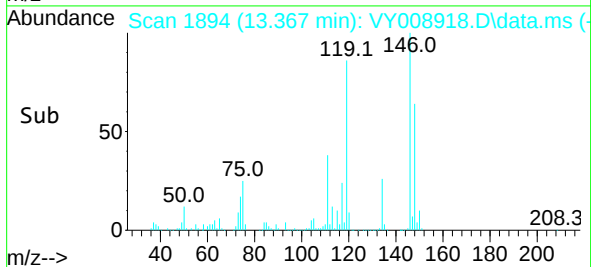
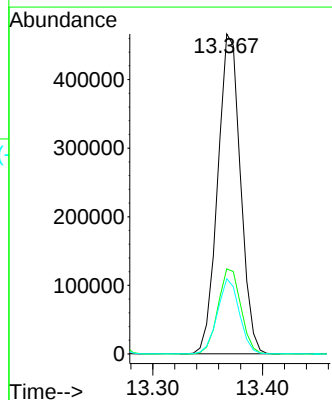
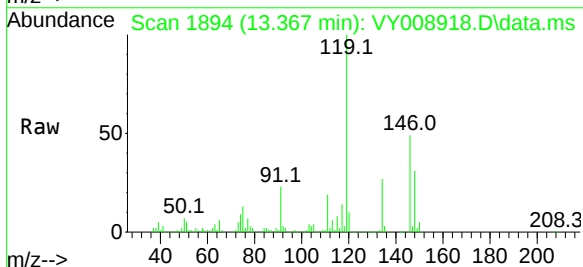
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052022

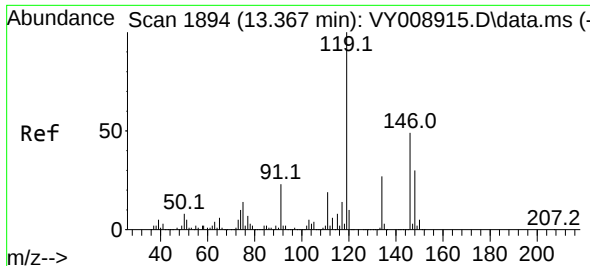
Tgt Ion:105 Resp: 795174
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.251 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008918.D
 Acq: 20 May 2022 21:20

Tgt Ion:119 Resp: 671925
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 22.7 12.4 37.2

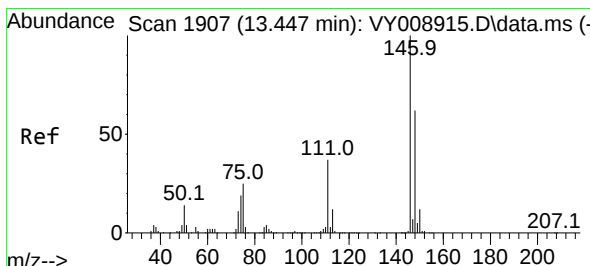
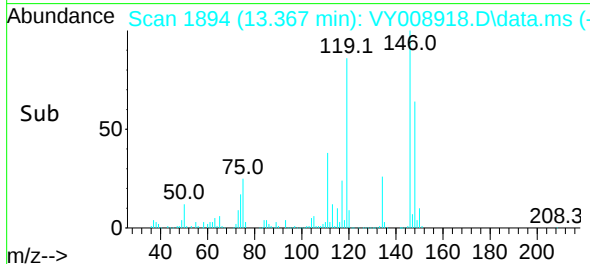
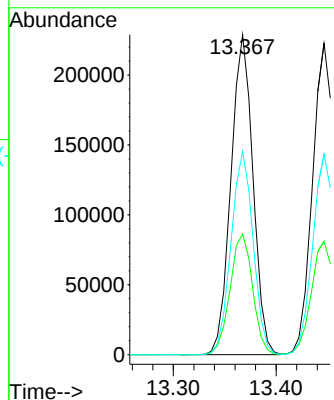
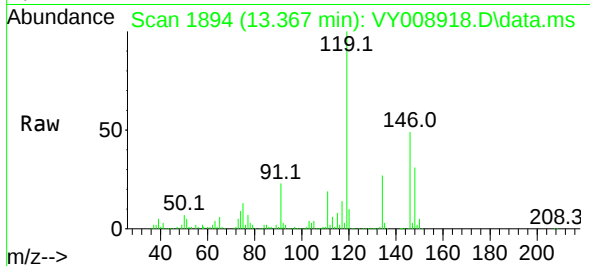




#87
1,3-Dichlorobenzene
Concen: 50.886 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

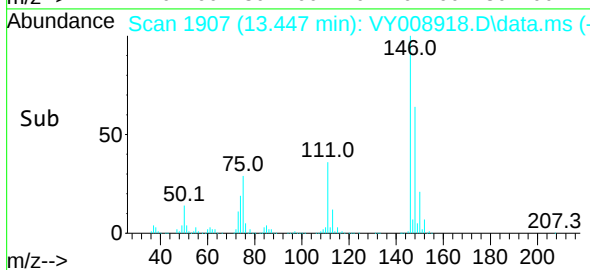
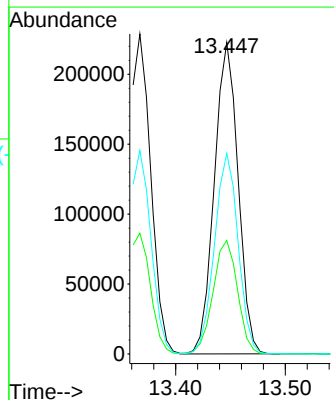
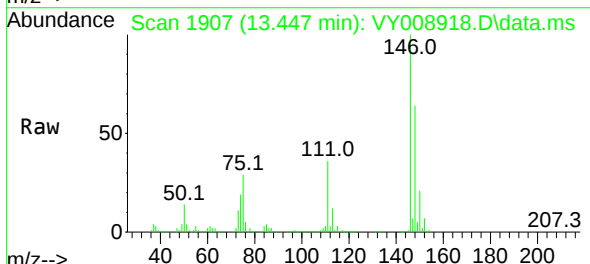
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052022

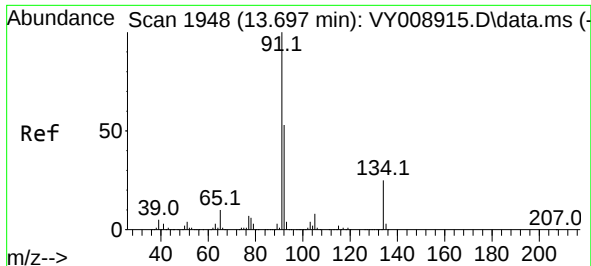
Tgt Ion:146 Resp: 341050
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 49.882 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008918.D
Acq: 20 May 2022 21:20

Tgt Ion:146 Resp: 335877
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 51.387 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052022

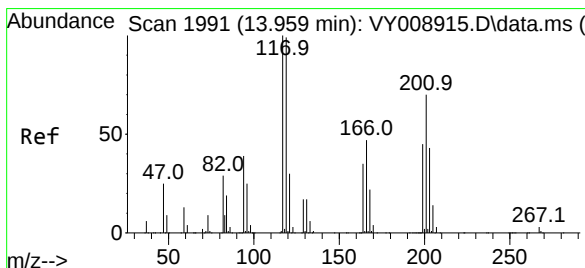
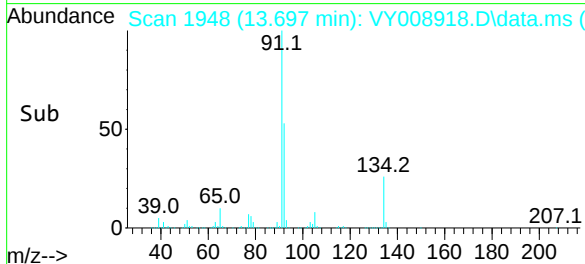
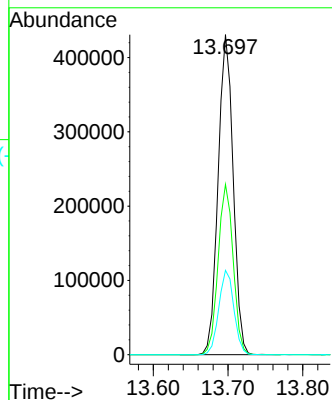
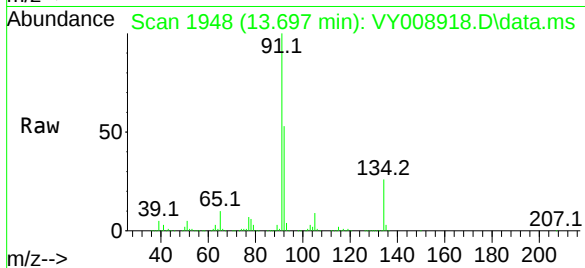
Tgt Ion: 91 Resp: 604543

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 49.471 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008918.D

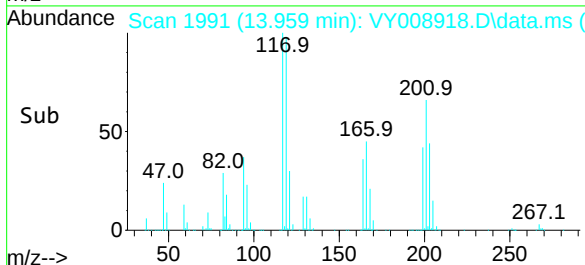
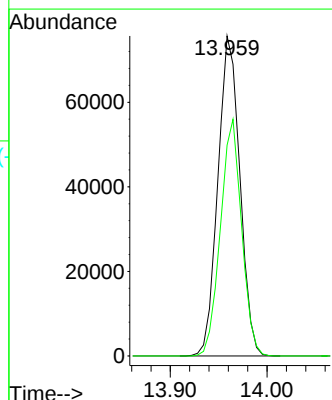
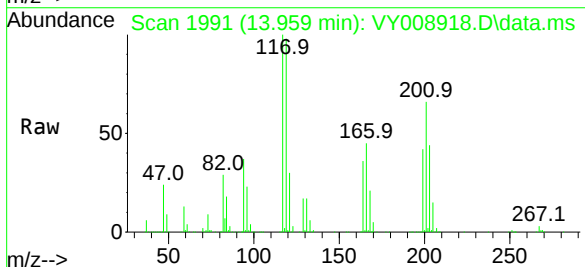
Acq: 20 May 2022 21:20

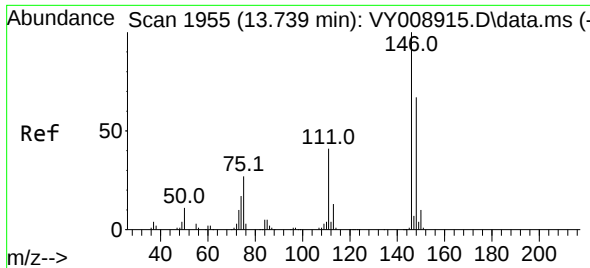
Tgt Ion: 117 Resp: 119220

Ion Ratio Lower Upper

117 100

201 71.3 43.0 128.8

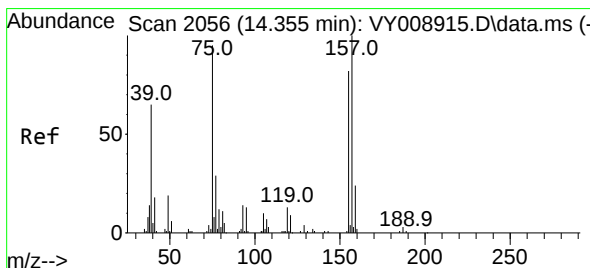
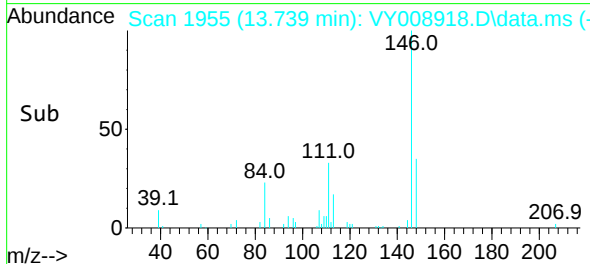
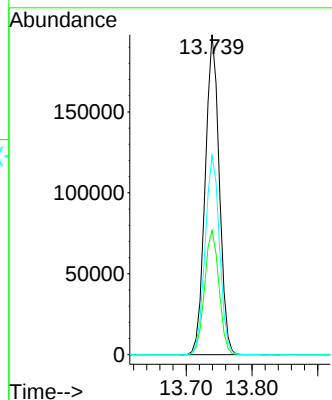
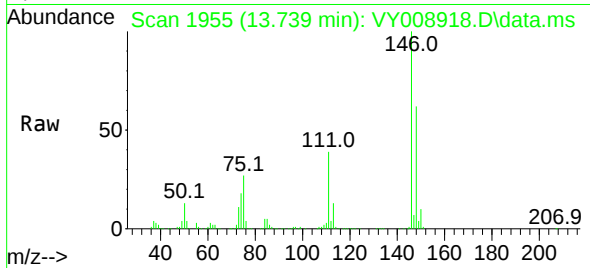




#91
 1,2-Dichlorobenzene
 Concen: 49.800 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008918.D
 Acq: 20 May 2022 21:20

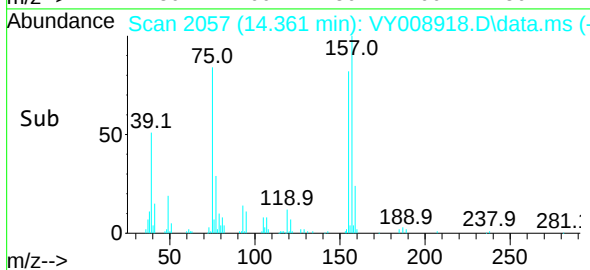
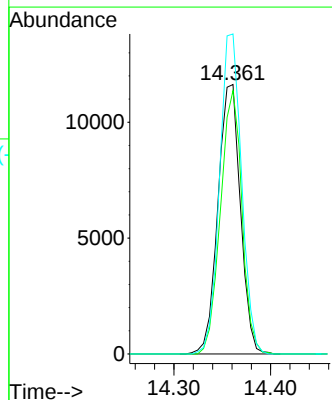
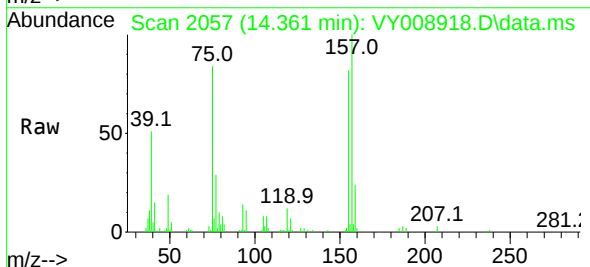
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052022

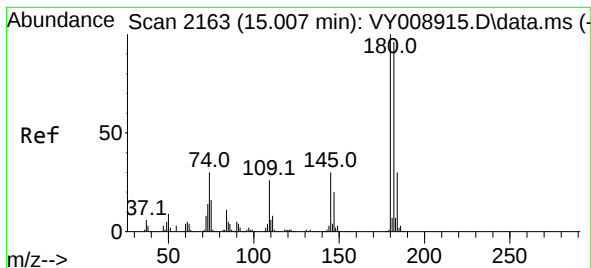
Tgt Ion:146 Resp: 294631
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.9
 148 63.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.221 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY008918.D
 Acq: 20 May 2022 21:20

Tgt Ion: 75 Resp: 18735
 Ion Ratio Lower Upper
 75 100
 155 93.1 38.0 113.9
 157 116.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.663 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052022

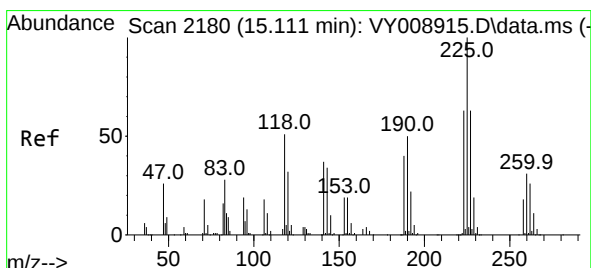
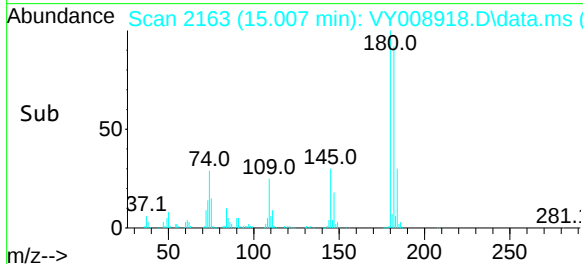
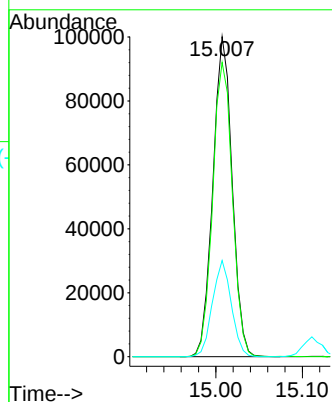
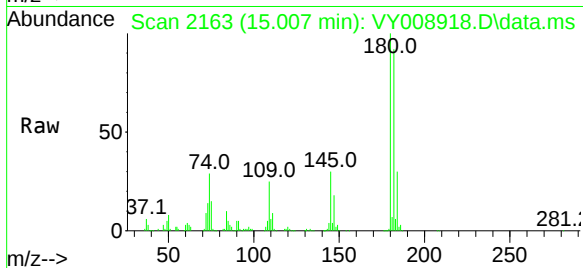
Tgt Ion:180 Resp: 154761

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.439 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

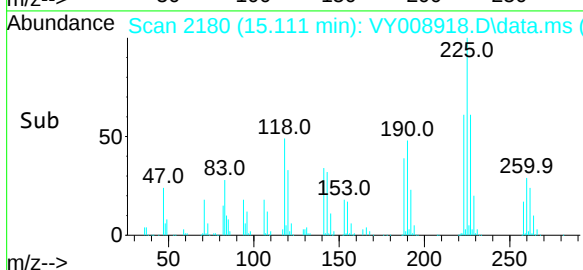
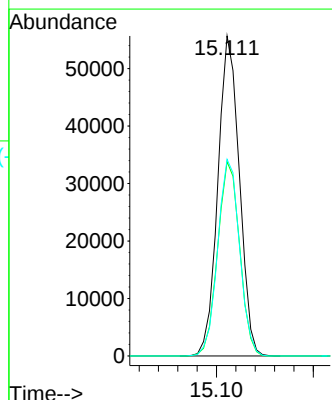
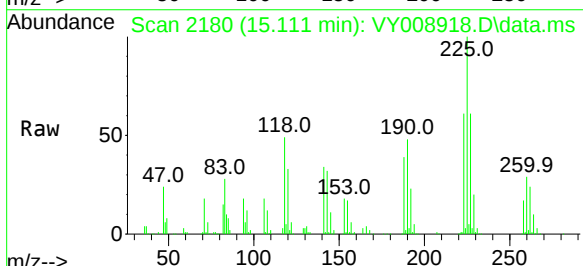
Tgt Ion:225 Resp: 85721

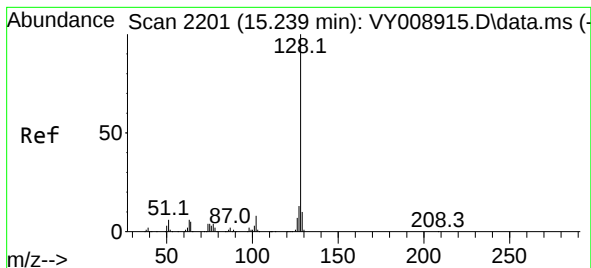
Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

227 62.5 31.6 94.7





#95

Naphthalene

Concen: 47.194 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052022

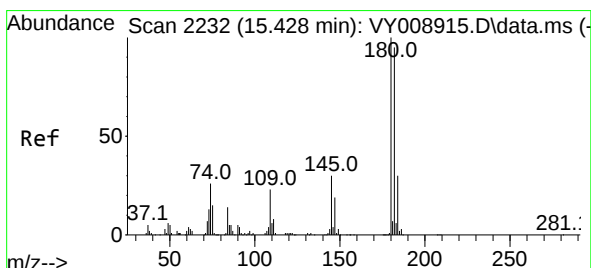
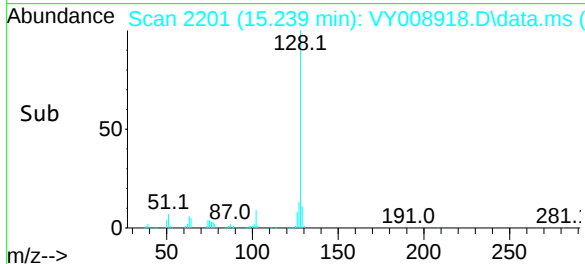
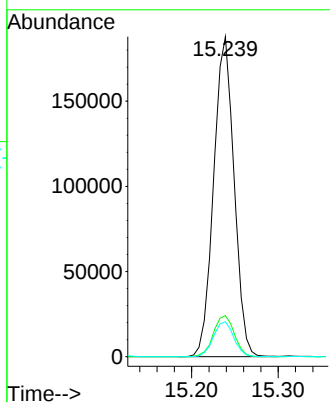
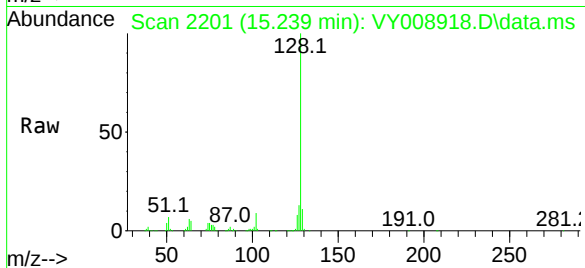
Tgt Ion:128 Resp: 307837

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.382 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008918.D

Acq: 20 May 2022 21:20

Tgt Ion:180 Resp: 133691

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 31.2 15.3 45.9

