

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008915.D
 Acq On : 20 May 2022 19:47
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 20 23:01:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61058	44.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.880%
35) Dibromofluoromethane	7.716	113	66206	45.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.179	98	224222	41.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.100%
62) 4-Bromofluorobenzene	12.483	95	124348	60.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73131	59.404	ug/l	97
3) Chloromethane	2.113	50	104819	55.913	ug/l	96
4) Vinyl Chloride	2.247	62	153855	57.817	ug/l	96
5) Bromomethane	2.644	94	125219	60.623	ug/l	98
6) Chloroethane	2.790	64	103856	53.703	ug/l	99
7) Trichlorofluoromethane	3.119	101	127532	52.095	ug/l	97
8) Diethyl Ether	3.528	74	38875	55.497	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	79644	54.162	ug/l	93
10) Methyl Iodide	4.089	142	93542	57.076	ug/l	92
11) Tert butyl alcohol	4.948	59	38581	245.080	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	72839	54.321	ug/l	88
13) Acrolein	3.723	56	7014	95.381	ug/l	95
14) Allyl chloride	4.473	41	112255	56.513	ug/l #	89
15) Acrylonitrile	5.155	53	109883	239.861	ug/l	99
16) Acetone	3.948	43	80083	220.663	ug/l	93
17) Carbon Disulfide	4.186	76	243357	59.743	ug/l	99
18) Methyl Acetate	4.473	43	51422	44.387	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	219751	60.034	ug/l	97
20) Methylene Chloride	4.710	84	94148	49.228	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	91558	55.559	ug/l	88
22) Diisopropyl ether	6.119	45	266726	62.474	ug/l #	93
23) Vinyl Acetate	6.058	43	912150	306.621	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	157615	56.644	ug/l	98
25) 2-Butanone	6.984	43	150774	252.283	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	144354	55.021	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	106955	58.137	ug/l	86
28) Bromochloromethane	7.332	49	51976	51.002	ug/l	87
29) Tetrahydrofuran	7.344	42	103561	259.188	ug/l #	83
30) Chloroform	7.503	83	169999	57.101	ug/l	98
31) Cyclohexane	7.783	56	153267	58.224	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	157733	57.156	ug/l	97
36) 1,1-Dichloropropene	7.911	75	138335	56.314	ug/l	98
37) Ethyl Acetate	7.076	43	70793	49.584	ug/l	96
38) Carbon Tetrachloride	7.899	117	144691	55.198	ug/l	98
39) Methylcyclohexane	9.179	83	185277	62.308	ug/l	89
40) Benzene	8.161	78	402555	58.378	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	96397	128.185	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	117230	57.901	ug/l	94
43) Isopropyl Acetate	8.271	43	136678	56.522	ug/l #	92
44) Trichloroethene	8.935	130	105614	56.627	ug/l	96
45) 1,2-Dichloropropane	9.216	63	98240	59.741	ug/l	99
46) Dibromomethane	9.301	93	61545	57.177	ug/l	95
47) Bromodichloromethane	9.496	83	140089	58.639	ug/l	98
48) Methyl methacrylate	9.289	41	63293	59.120	ug/l #	87
49) 1,4-Dioxane	9.289	88	16401	1046.847	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	390176	276.112	ug/l	91
52) Toluene	10.240	92	293807	62.263	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	155412	62.249	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	161426	60.054	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	87805	59.991	ug/l	97
56) Ethyl methacrylate	10.508	69	117300	65.146	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	143785	59.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	246522	279.134	ug/l	95
59) 2-Hexanone	10.831	43	275096	275.004	ug/l	88
60) Dibromochloromethane	10.984	129	107520	60.796	ug/l	100
61) 1,2-Dibromoethane	11.087	107	87960	60.154	ug/l	100
64) Tetrachloroethene	10.721	164	97145	56.080	ug/l	97
65) Chlorobenzene	11.514	112	309620	56.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	116207	58.058	ug/l	97
67) Ethyl Benzene	11.593	91	585185	59.702	ug/l	96
68) m/p-Xylenes	11.703	106	495685	126.174	ug/l	91
69) o-Xylene	12.032	106	228337	62.961	ug/l	93
70) Styrene	12.044	104	408956	66.085	ug/l	93
71) Bromoform	12.209	173	80252	59.093	ug/l #	96
73) Isopropylbenzene	12.331	105	626641	53.028	ug/l	99
74) N-amyl acetate	12.142	43	146917	52.401	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	123875	47.789	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	156974	80.226	ug/l #	100
77) Bromobenzene	12.605	156	140952	51.504	ug/l	95
78) n-propylbenzene	12.666	91	491766	36.305	ug/l	97
79) 2-Chlorotoluene	12.758	91	426884	54.242	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	553811	57.707	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43204	48.616	ug/l	86
82) 4-Chlorotoluene	12.855	91	476972	57.177	ug/l	97
83) tert-Butylbenzene	13.075	119	485977	56.520	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	557534	58.583	ug/l	97
85) sec-Butylbenzene	13.252	105	760431	56.747	ug/l	100
86) p-Isopropyltoluene	13.367	119	642366	58.668	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	322724	55.962	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	322081	56.509	ug/l	98
89) n-Butylbenzene	13.697	91	573352	55.584	ug/l	100
90) Hexachloroethane	13.959	117	113213	54.797	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	279782	55.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19918	45.566	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	145948	53.194	ug/l	100
94) Hexachlorobutadiene	15.111	225	78547	50.094	ug/l	99
95) Naphthalene	15.239	128	302097	50.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	125642	52.280	ug/l	99

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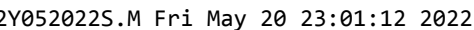
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

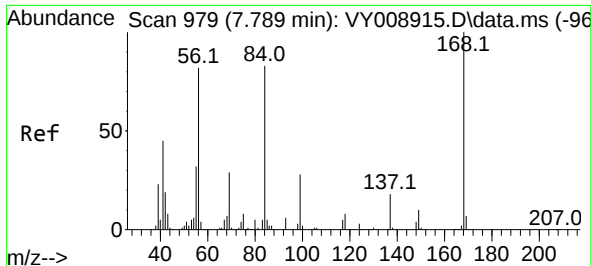
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Quant Title : SW846 8260
QLast Update : Fri May 20 22:58:02 2022
Response via : Initial Calibration

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

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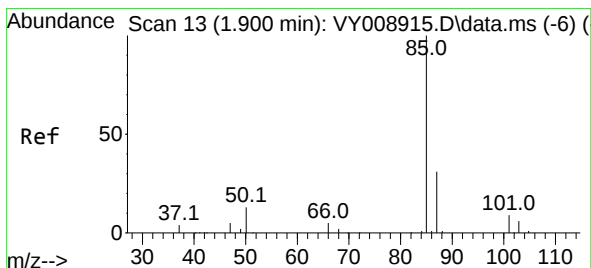
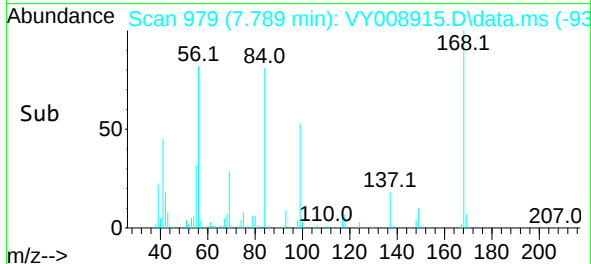
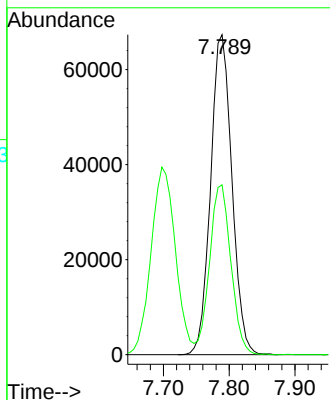
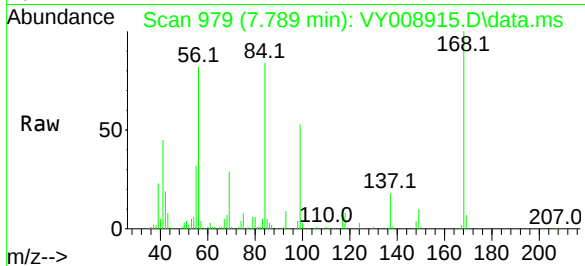




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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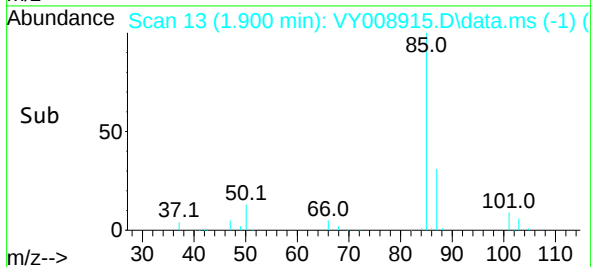
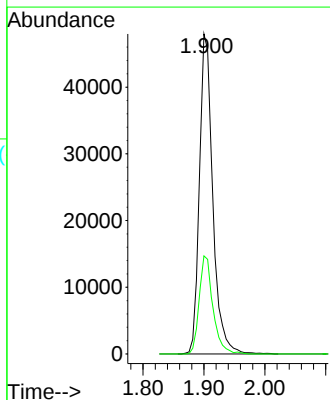
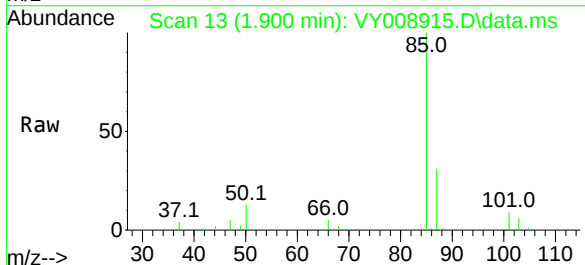
Instrument :
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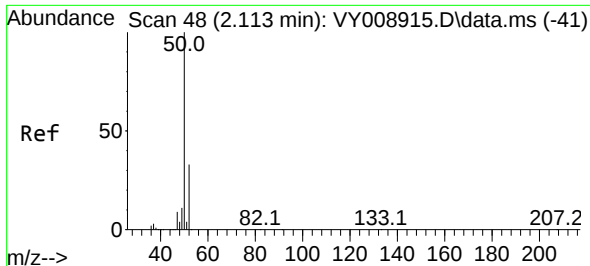
Tgt Ion:168 Resp: 152064
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 59.404 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 85 Resp: 73131
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2

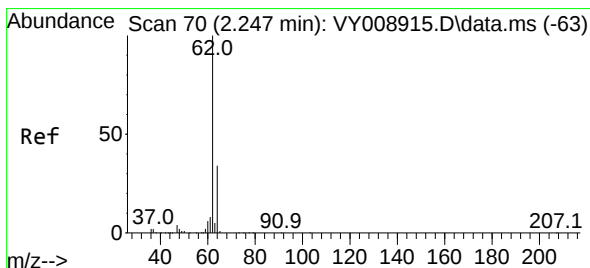
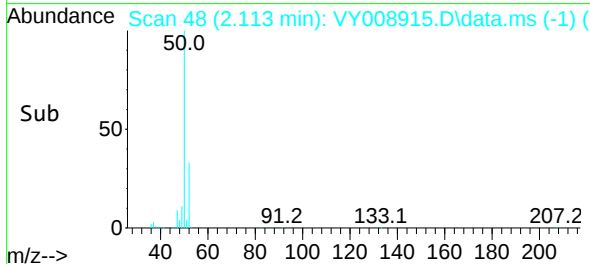
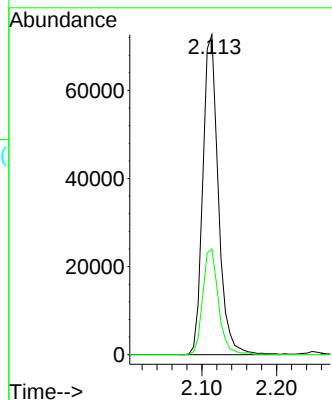
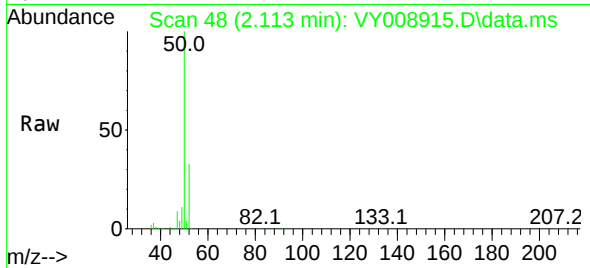




#3
Chloromethane
Concen: 55.913 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008915.D
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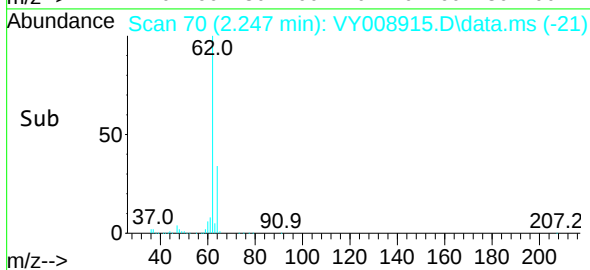
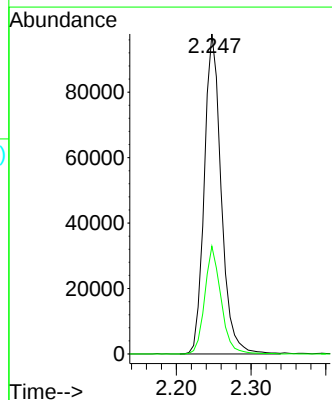
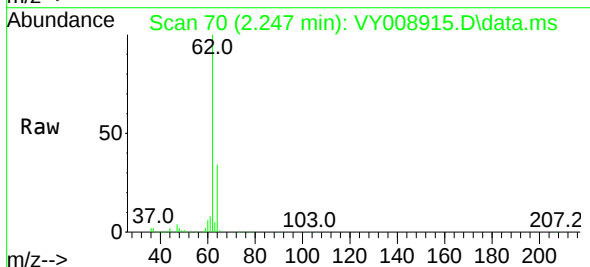
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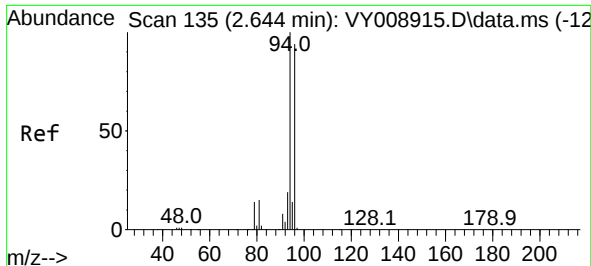
Tgt Ion: 50 Resp: 104819
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 57.817 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 62 Resp: 153855
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.6

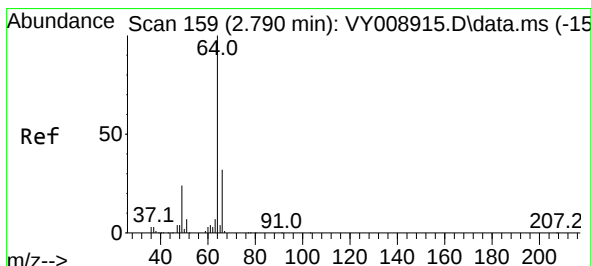
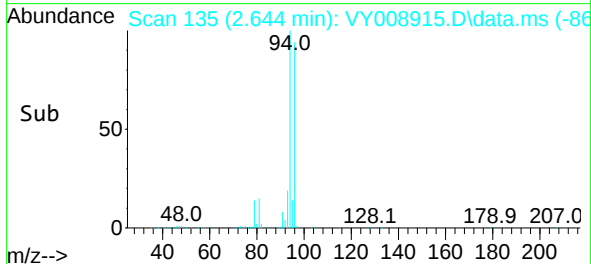
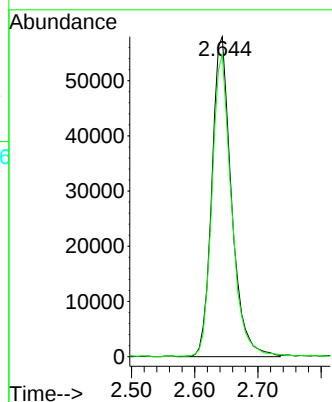
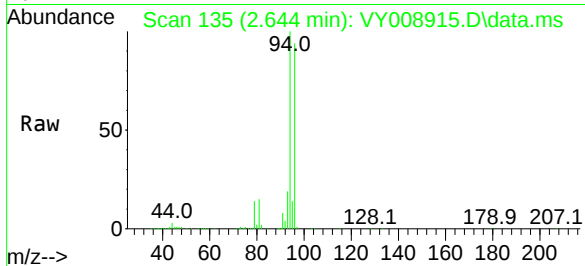




#5
Bromomethane
Concen: 60.623 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008915.D
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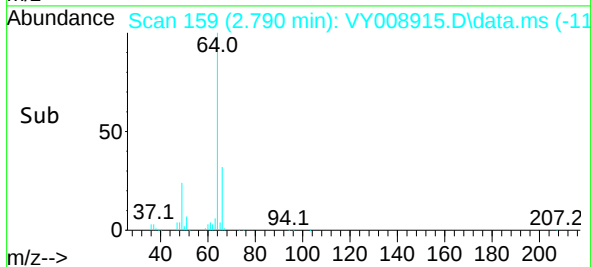
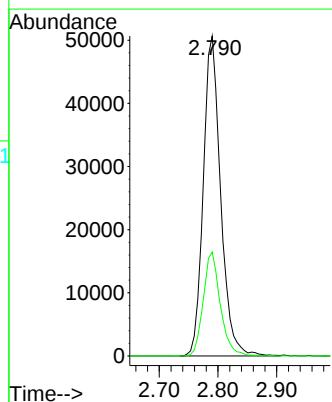
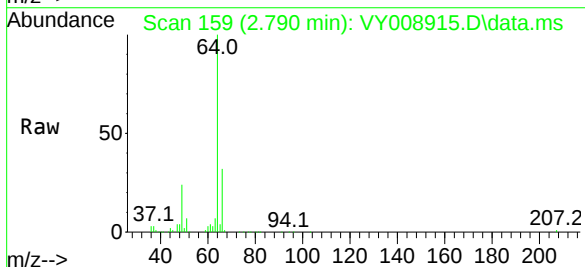
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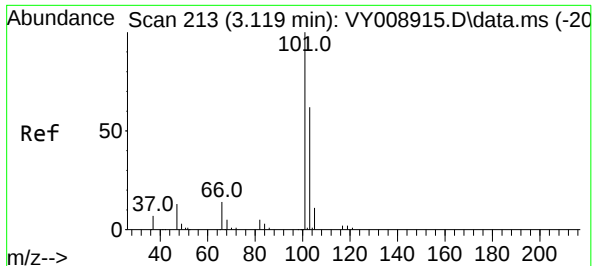
Tgt Ion: 94 Resp: 125219
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3



#6
Chloroethane
Concen: 53.703 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY008915.D
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Tgt Ion: 64 Resp: 103856
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

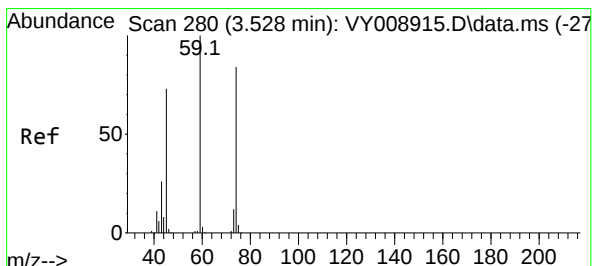
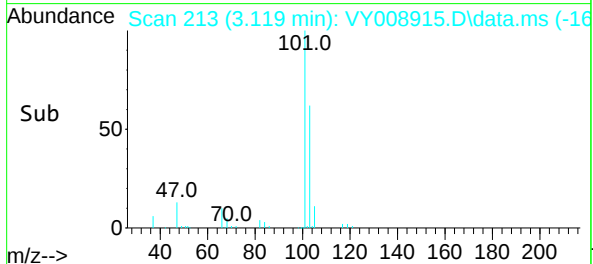
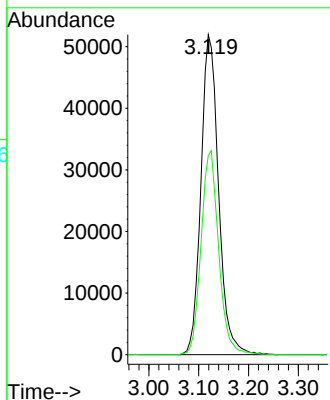
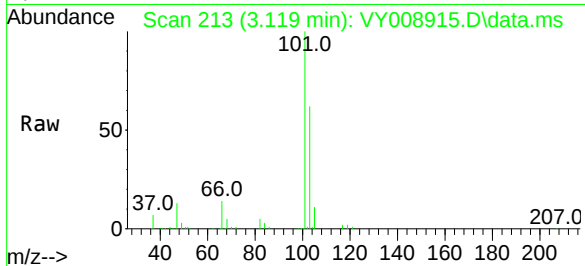




#7
Trichlorofluoromethane
Concen: 52.095 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY008915.D
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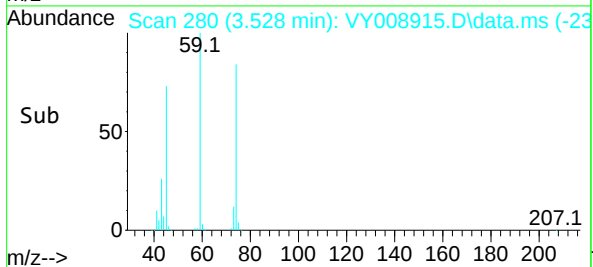
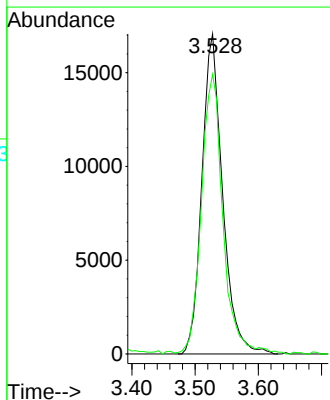
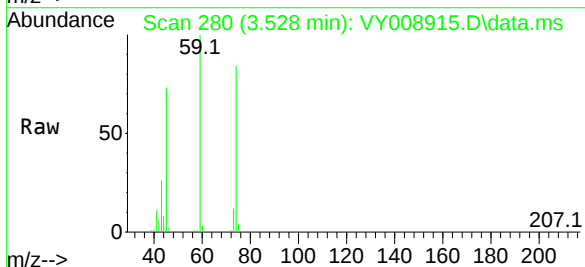
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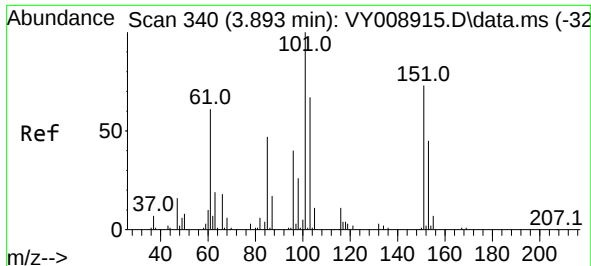
Tgt Ion:101 Resp: 127532
Ion Ratio Lower Upper
101 100
103 62.2 48.0 72.0



#8
Diethyl Ether
Concen: 55.497 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 74 Resp: 38875
Ion Ratio Lower Upper
74 100
45 91.1 55.1 165.5

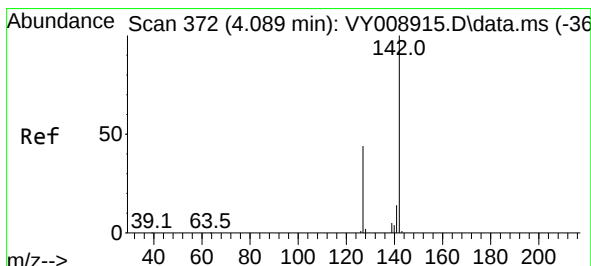
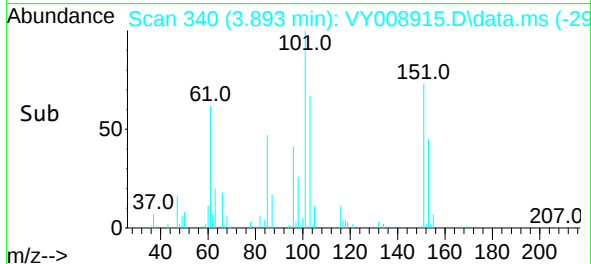
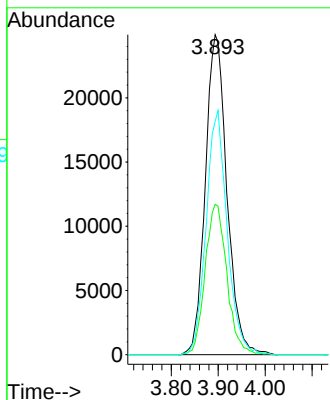
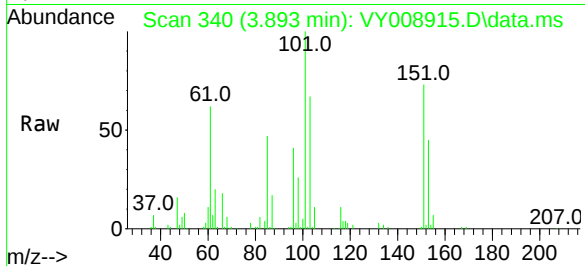




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.162 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

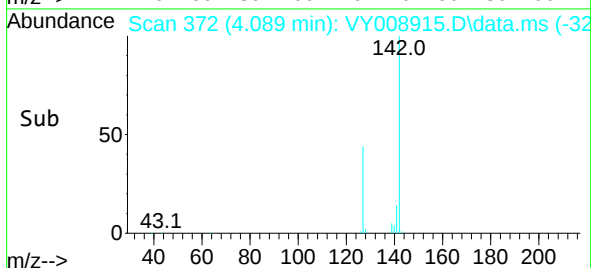
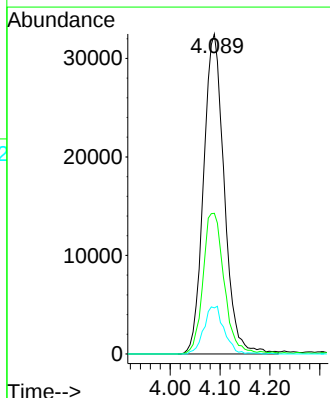
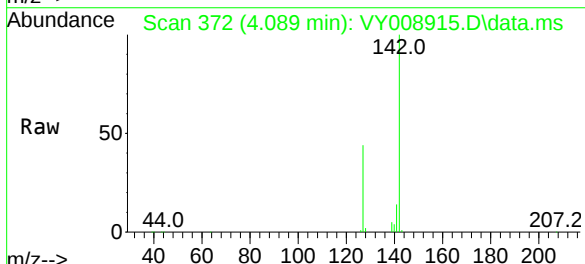
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

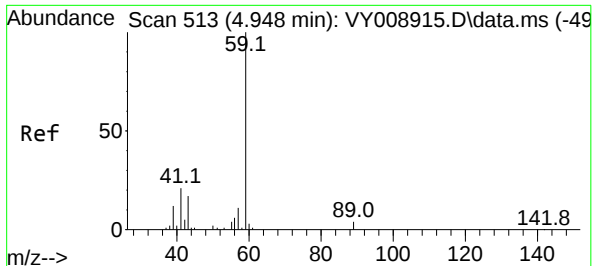
Tgt Ion:101 Resp: 79644
Ion Ratio Lower Upper
101 100
85 47.3 40.6 60.8
151 74.3 64.9 97.3



#10
Methyl Iodide
Concen: 57.076 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:142 Resp: 93542
Ion Ratio Lower Upper
142 100
127 44.8 41.5 62.3
141 14.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 245.080 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

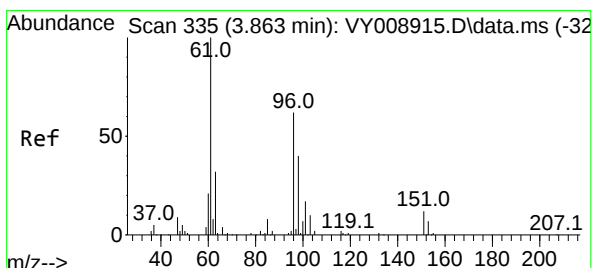
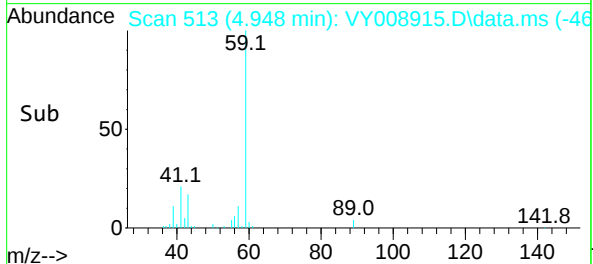
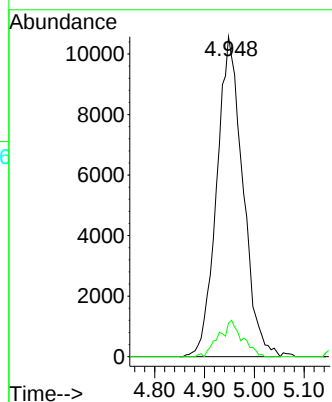
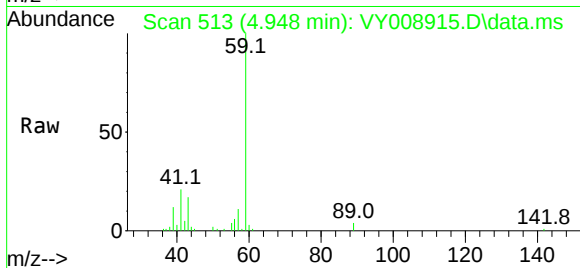
VSTDICCC050

Tgt Ion: 59 Resp: 38581

Ion Ratio Lower Upper

59 100

57 10.2 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 54.321 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

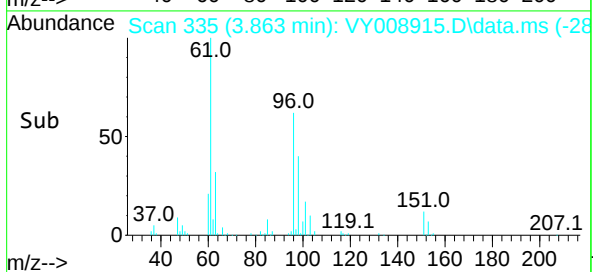
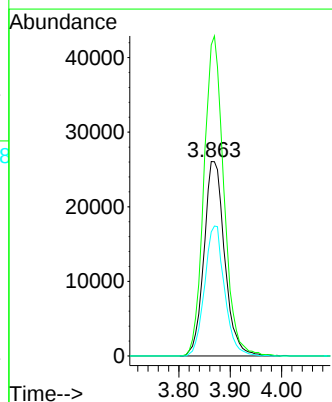
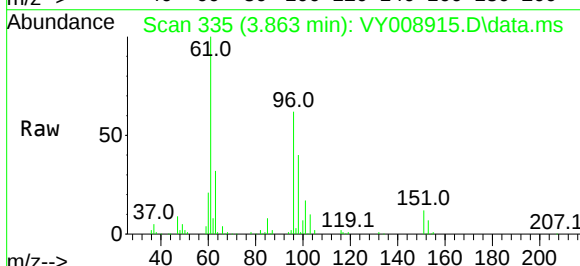
Tgt Ion: 96 Resp: 72839

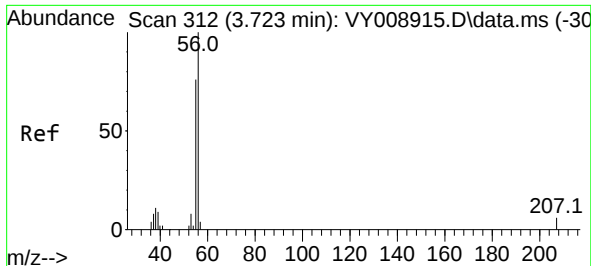
Ion Ratio Lower Upper

96 100

61 160.1 145.8 218.6

98 63.8 52.5 78.7





#13

Acrolein

Concen: 95.381 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

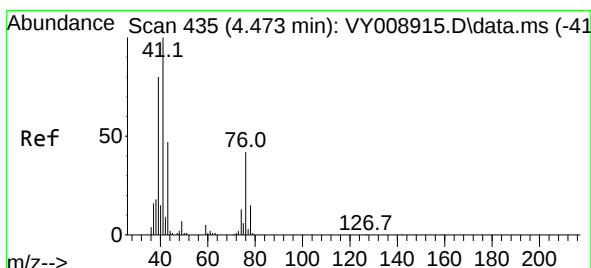
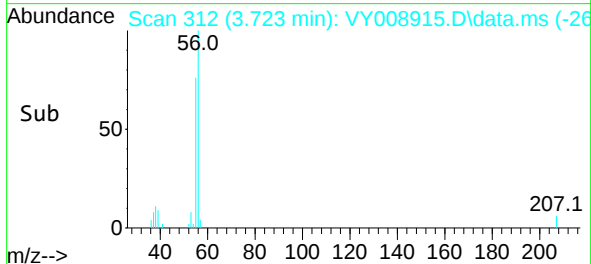
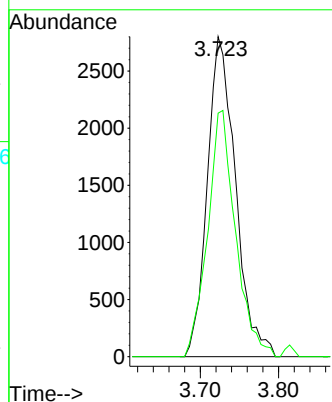
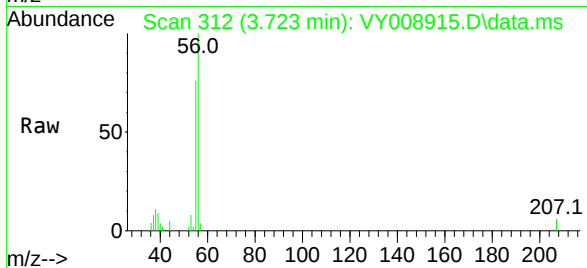
VSTDICCC050

Tgt Ion: 56 Resp: 7014

Ion Ratio Lower Upper

56 100

55 76.1 57.6 86.4



#14

Allyl chloride

Concen: 56.513 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

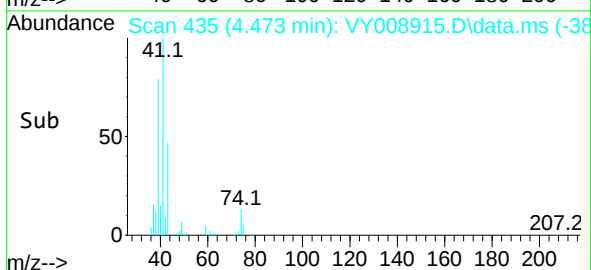
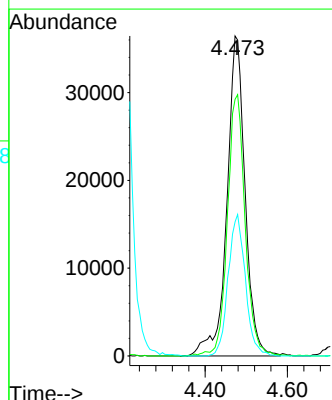
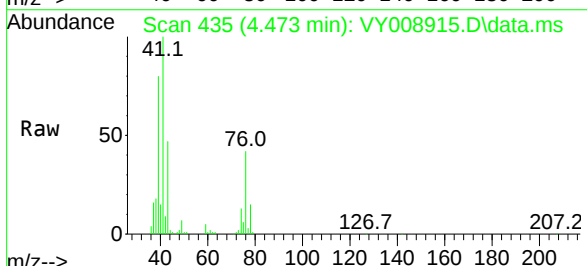
Tgt Ion: 41 Resp: 112255

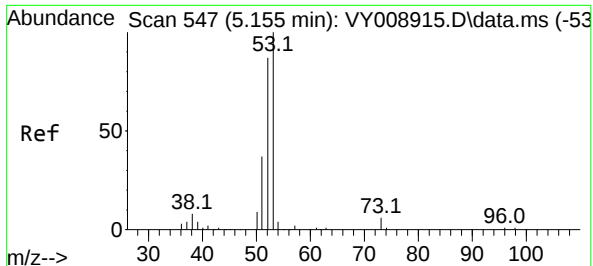
Ion Ratio Lower Upper

41 100

39 79.8 58.8 88.2

76 41.9 25.1 37.7#

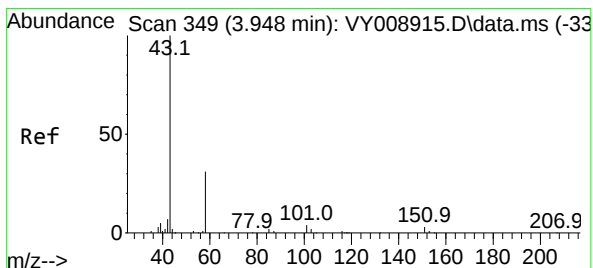
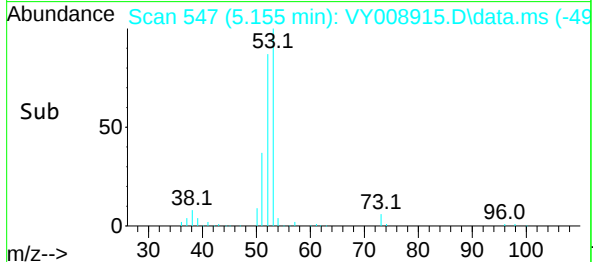
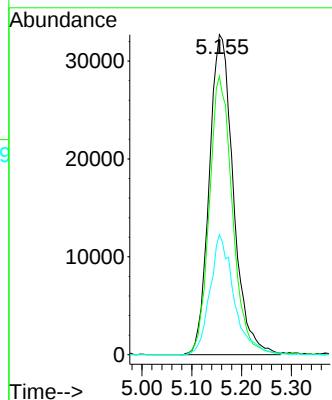
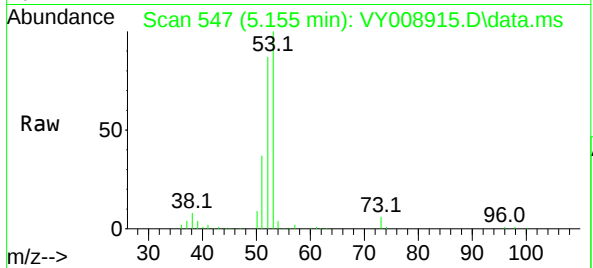




#15
Acrylonitrile
Concen: 239.861 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

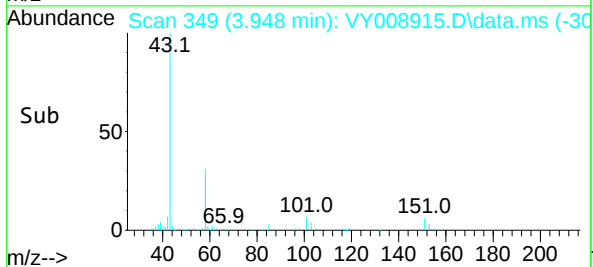
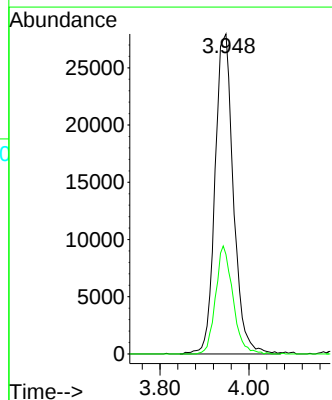
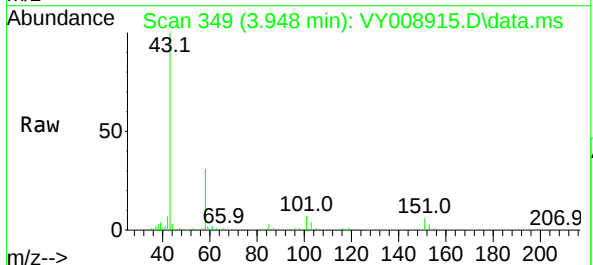
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

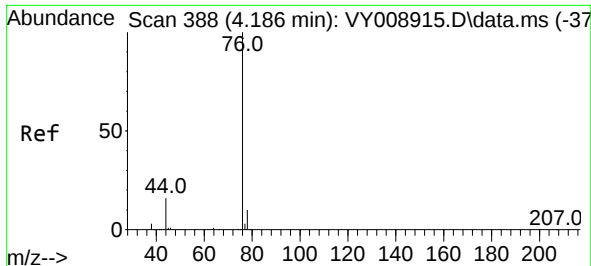
Tgt Ion: 53 Resp: 109883
Ion Ratio Lower Upper
53 100
52 83.1 67.0 100.4
51 37.4 29.8 44.6



#16
Acetone
Concen: 220.663 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 43 Resp: 80083
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0

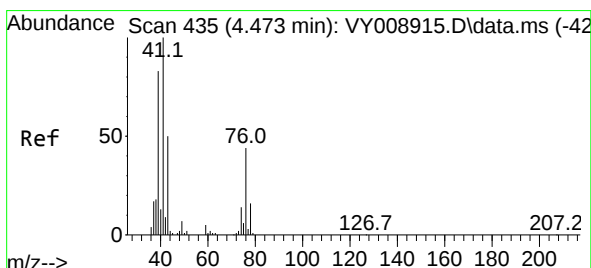
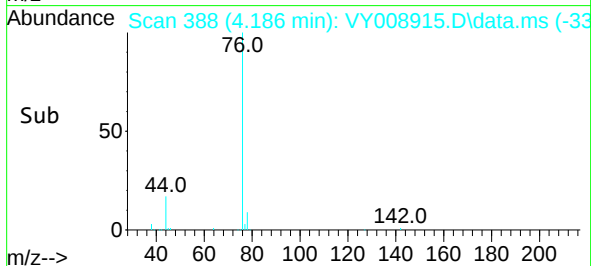
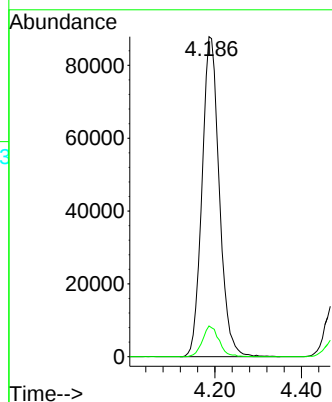
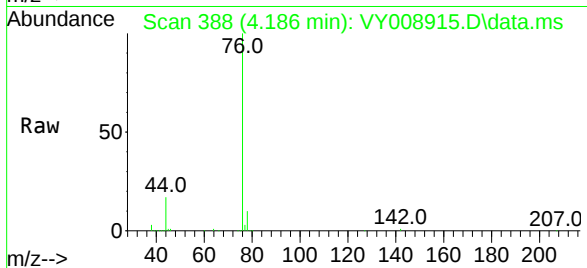




#17
Carbon Disulfide
Concen: 59.743 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

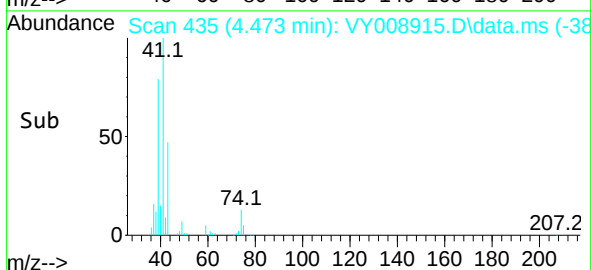
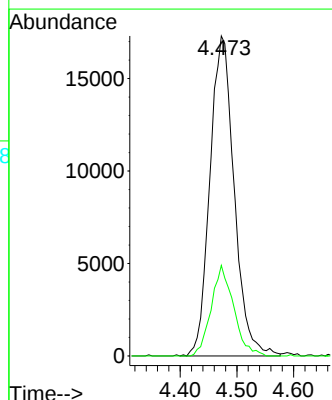
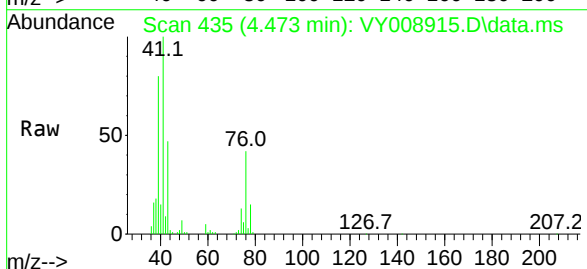
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

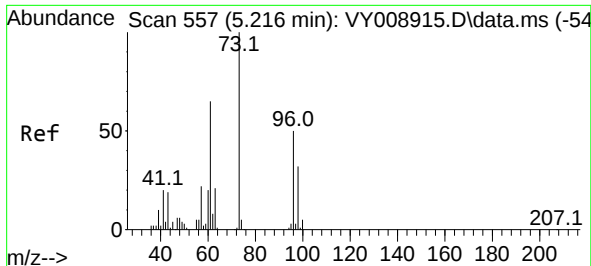
Tgt Ion: 76 Resp: 243357
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 44.387 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 43 Resp: 51422
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 60.034 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

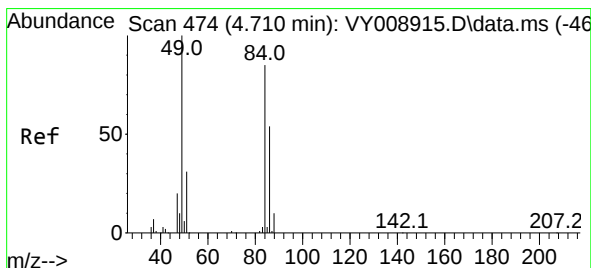
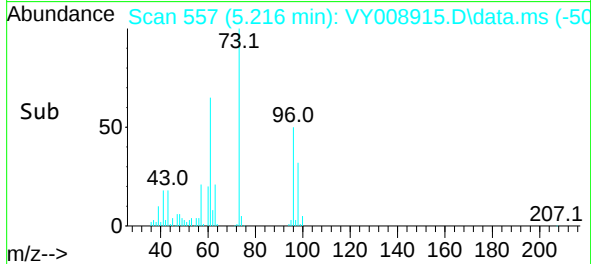
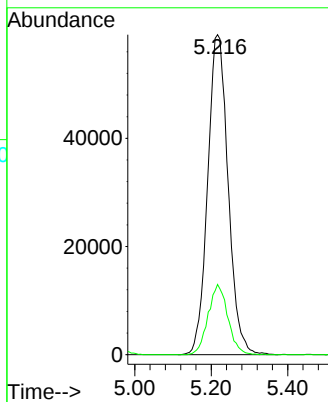
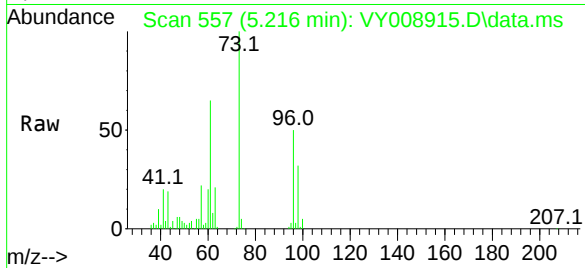
VSTDICCC050

Tgt Ion: 73 Resp: 219751

Ion Ratio Lower Upper

73 100

57 21.9 18.6 27.8



#20

Methylene Chloride

Concen: 49.228 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Tgt Ion: 84 Resp: 94148

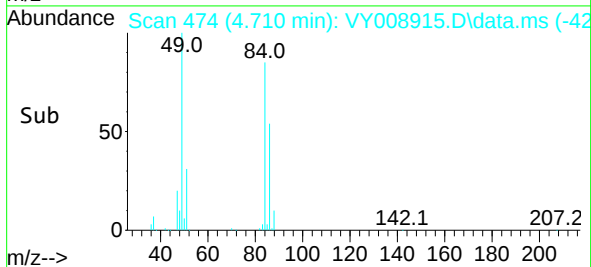
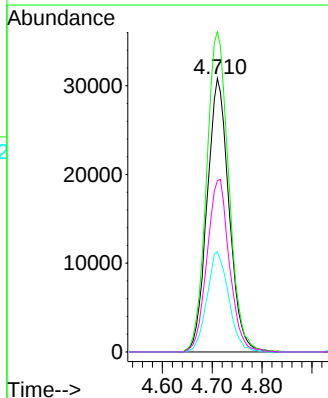
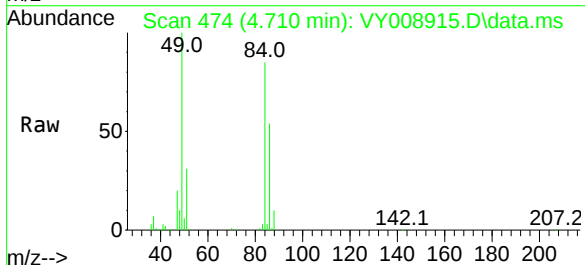
Ion Ratio Lower Upper

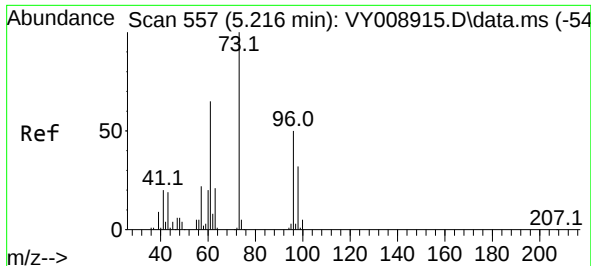
84 100

49 117.0 114.4 171.6

51 36.5 35.3 52.9

86 62.7 53.7 80.5

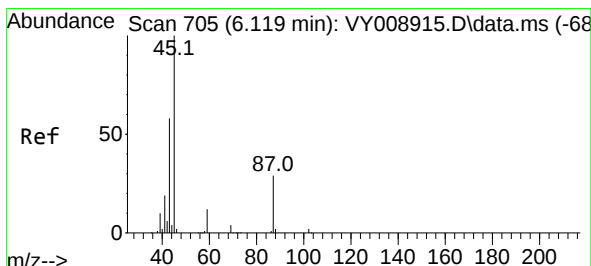
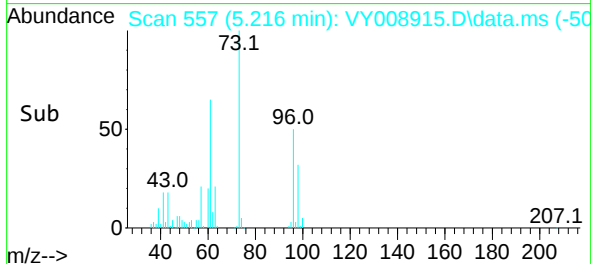
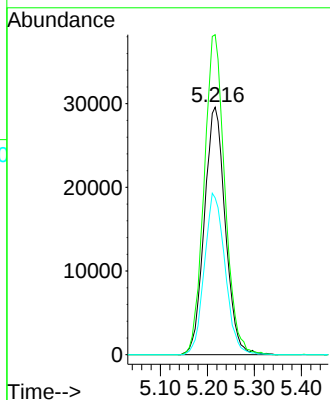
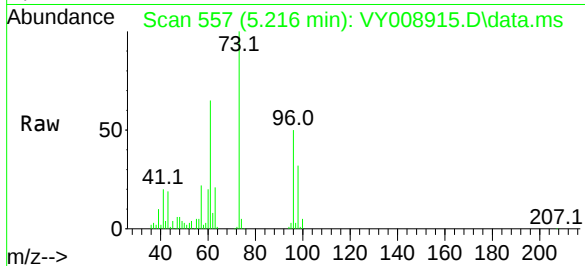




#21
trans-1,2-Dichloroethene
Concen: 55.559 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

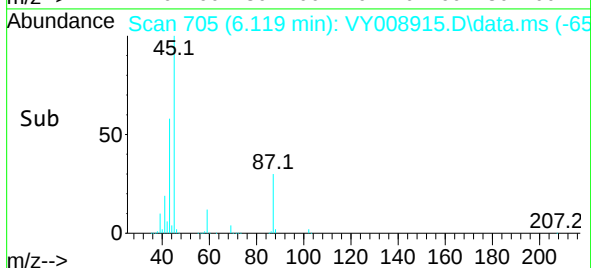
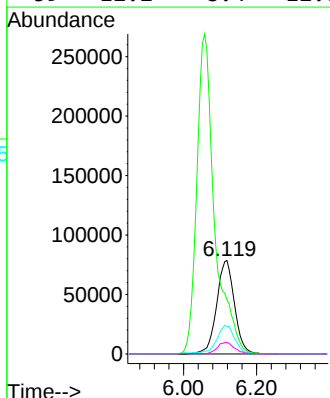
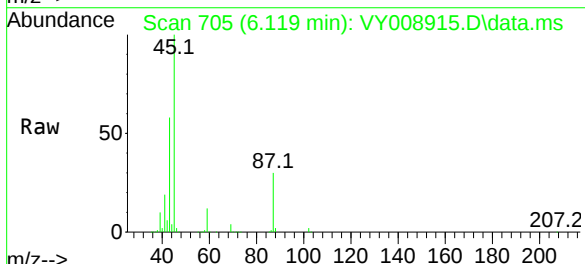
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

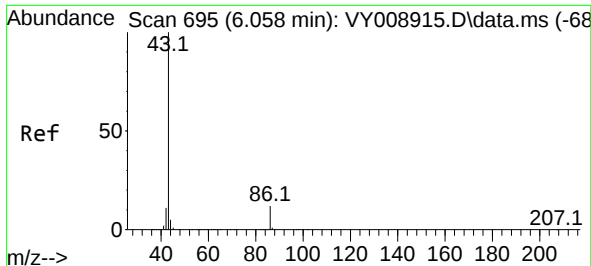
Tgt Ion: 96 Resp: 91558
Ion Ratio Lower Upper
96 100
61 129.3 120.5 180.7
98 63.3 49.8 74.8



#22
Diisopropyl ether
Concen: 62.474 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 45 Resp: 266726
Ion Ratio Lower Upper
45 100
43 57.7 49.3 73.9
87 29.6 19.2 28.8#
59 12.2 8.4 12.6

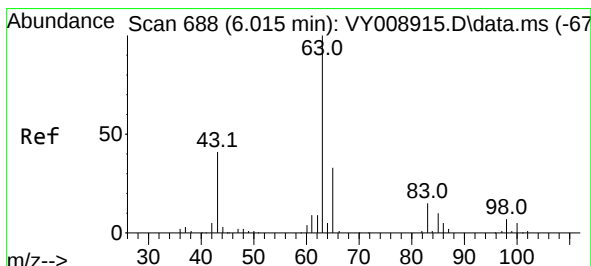
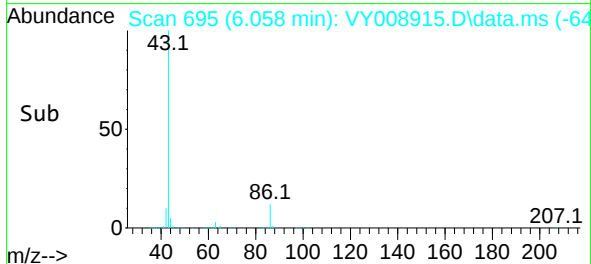
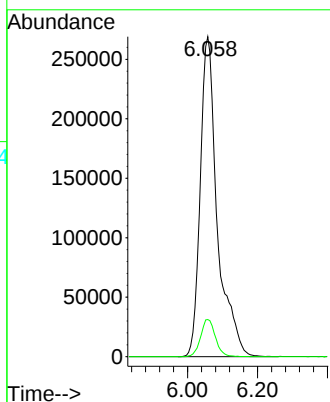
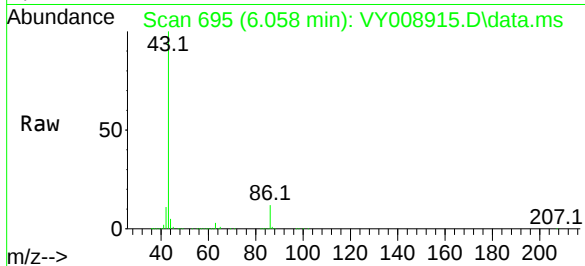




#23
 Vinyl Acetate
 Concen: 306.621 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

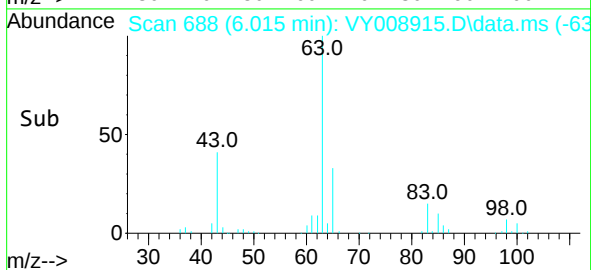
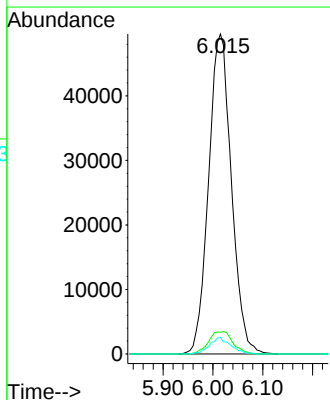
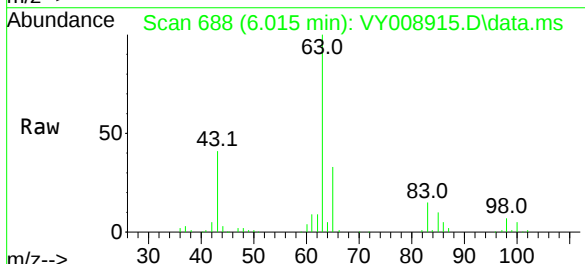
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

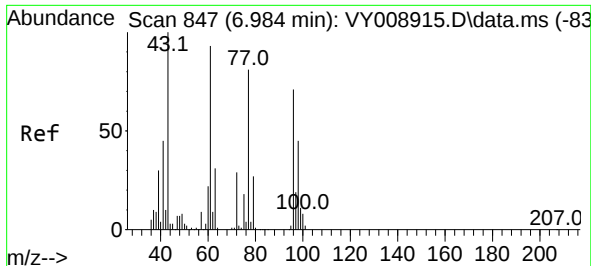
Tgt Ion: 43 Resp: 912150
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 56.644 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

Tgt Ion: 63 Resp: 157615
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.2 2.0 5.8





#25

2-Butanone

Concen: 252.283 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

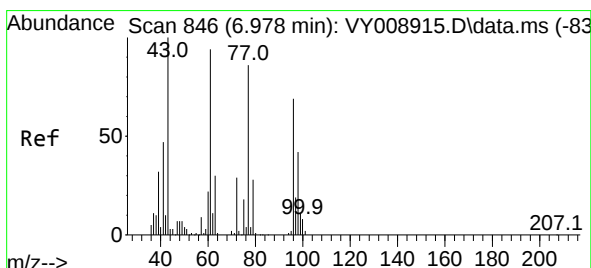
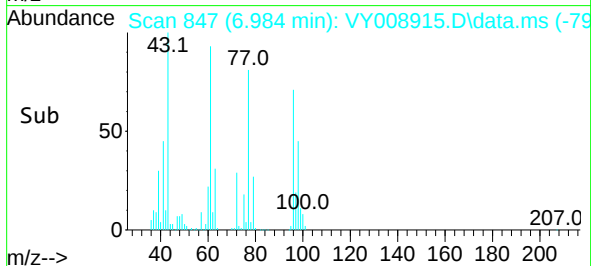
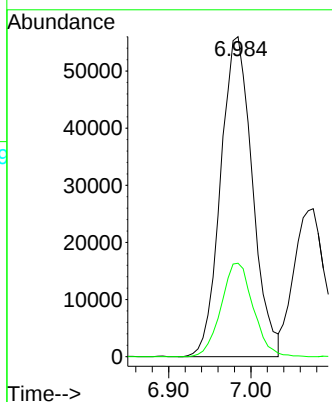
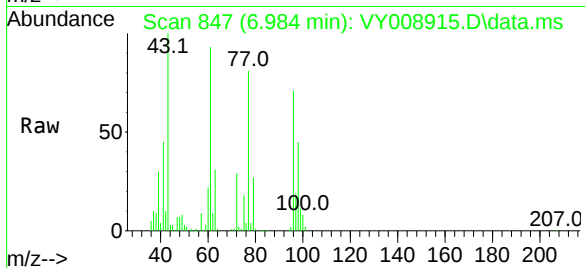
VSTDICCC050

Tgt Ion: 43 Resp: 150774

Ion Ratio Lower Upper

43 100

72 29.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 55.021 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008915.D

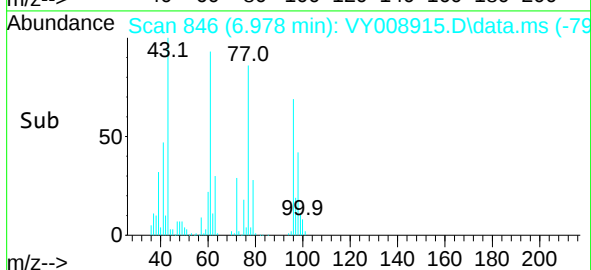
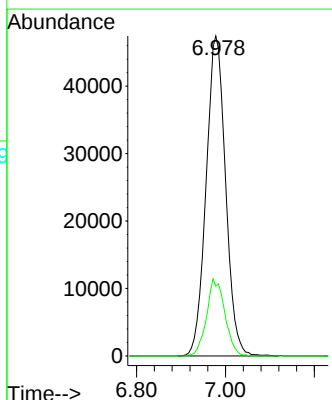
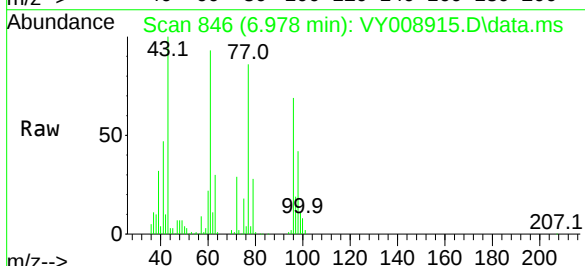
Acq: 20 May 2022 19:47

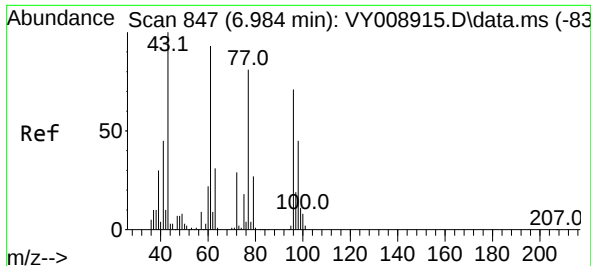
Tgt Ion: 77 Resp: 144354

Ion Ratio Lower Upper

77 100

97 22.7 10.4 31.4

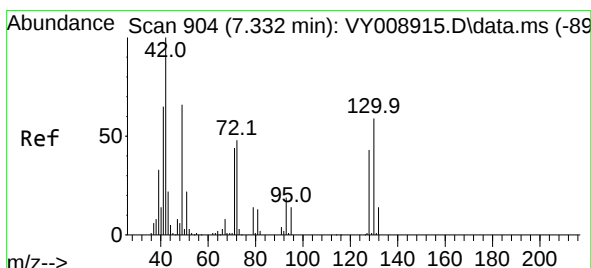
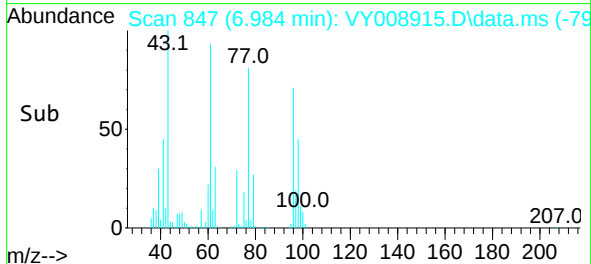
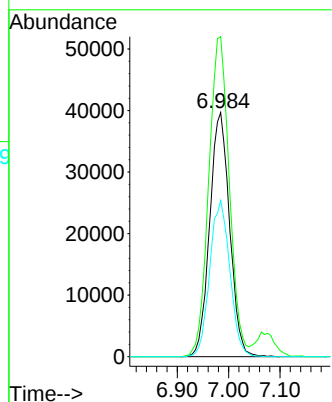
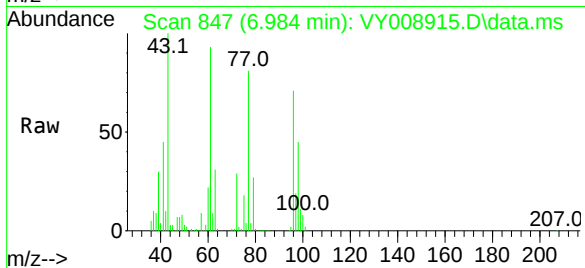




#27
 cis-1,2-Dichloroethene
 Concen: 58.137 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

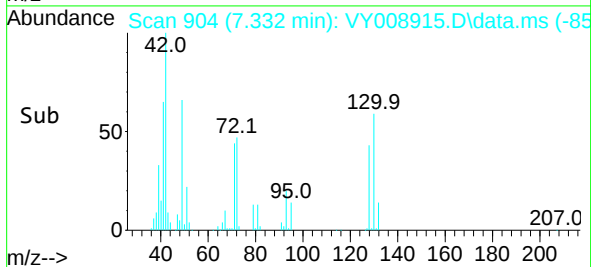
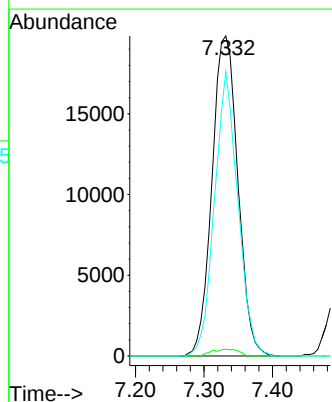
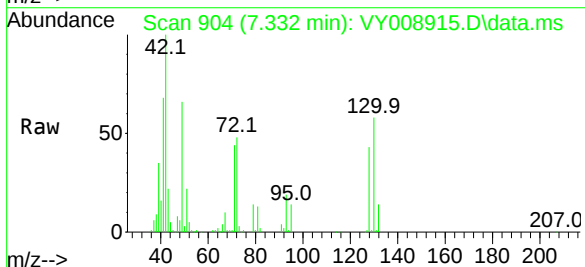
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

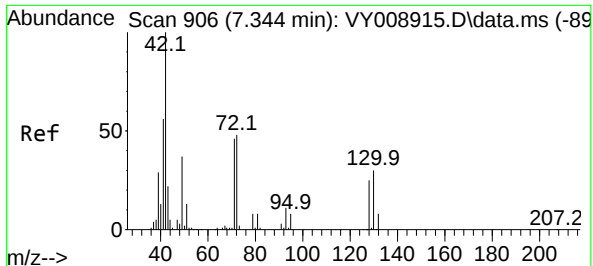
Tgt Ion: 96 Resp: 106955
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 319.8
 98 64.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.002 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

Tgt Ion: 49 Resp: 51976
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2
 130 80.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 259.188 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

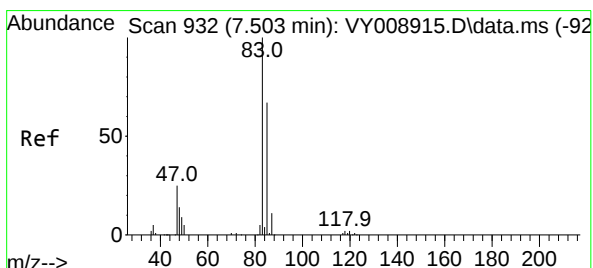
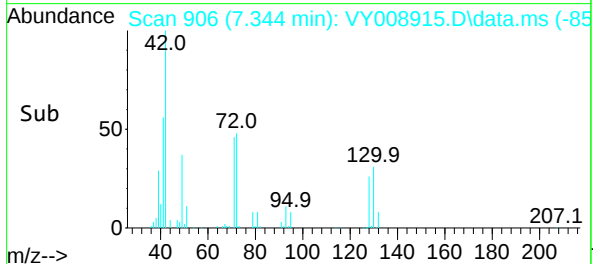
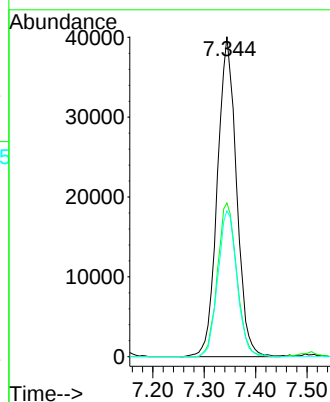
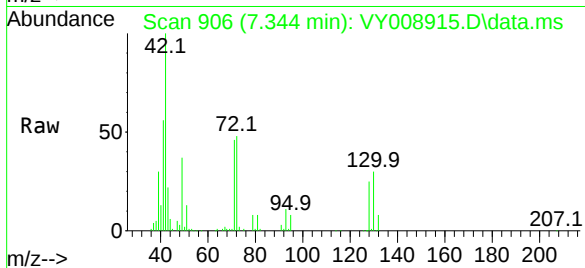
Tgt Ion: 42 Resp: 103561

Ion Ratio Lower Upper

42 100

72 48.5 30.3 45.5#

71 45.4 29.0 43.4#



#30

Chloroform

Concen: 57.101 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008915.D

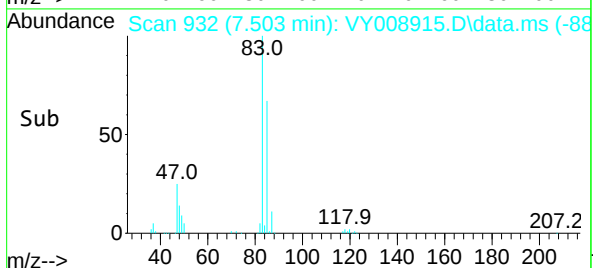
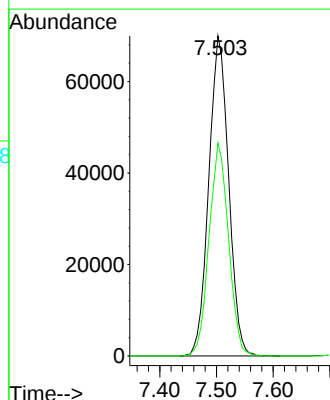
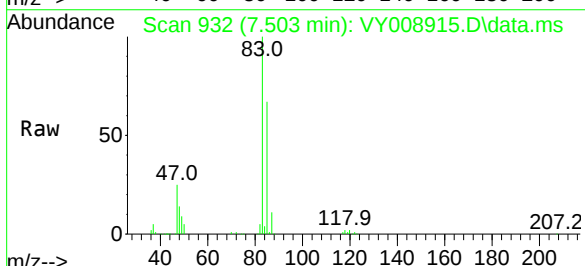
Acq: 20 May 2022 19:47

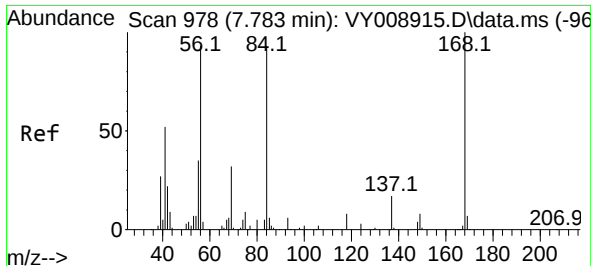
Tgt Ion: 83 Resp: 169999

Ion Ratio Lower Upper

83 100

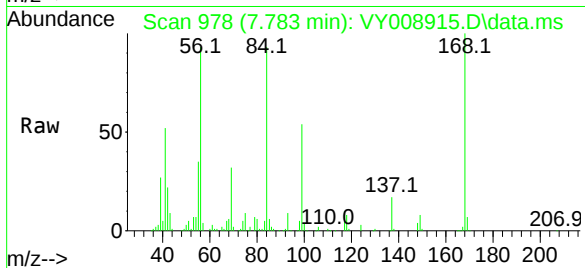
85 66.5 51.8 77.6



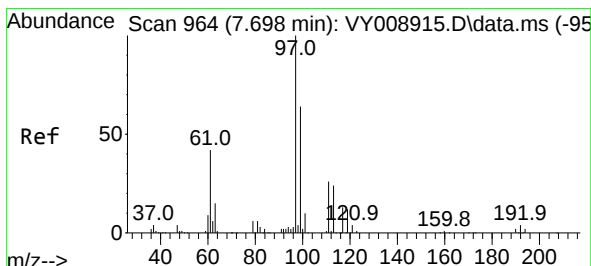
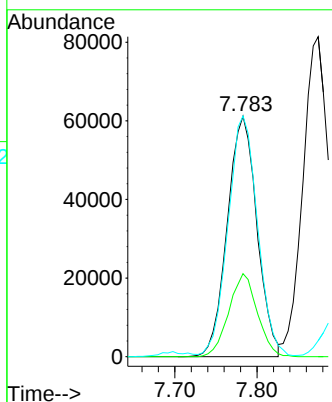
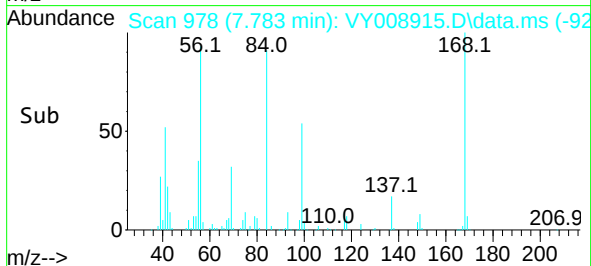


#31
Cyclohexane
Concen: 58.224 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

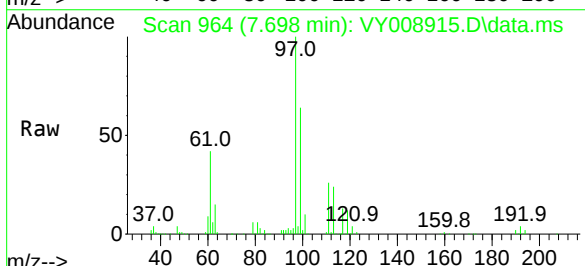
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



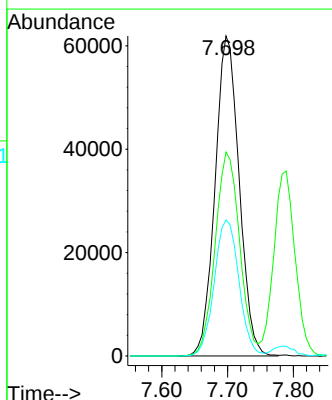
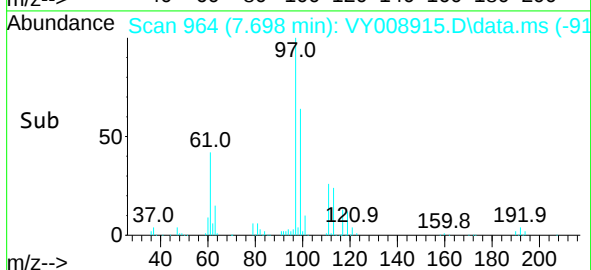
Tgt Ion: 56 Resp: 153267
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 98.8 67.2 100.8

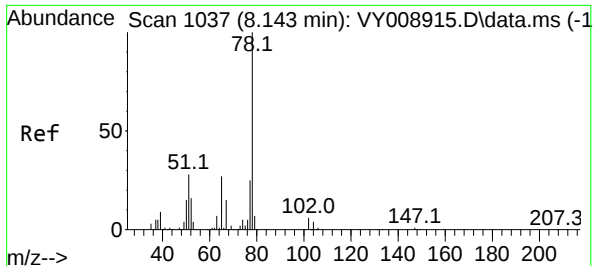


#32
1,1,1-Trichloroethane
Concen: 57.156 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion: 97 Resp: 157733
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 43.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.940 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

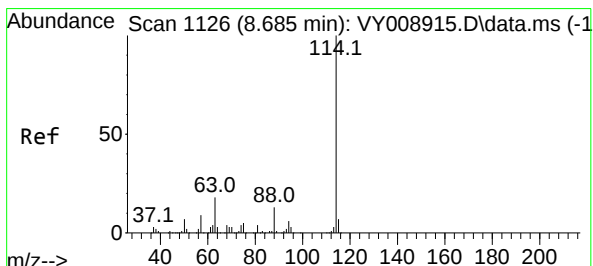
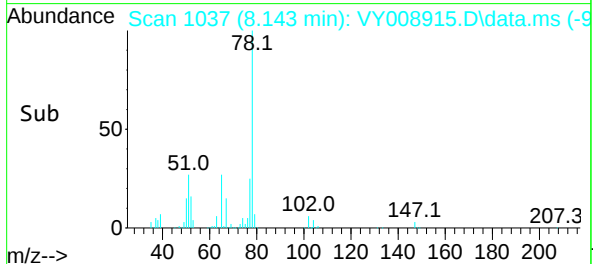
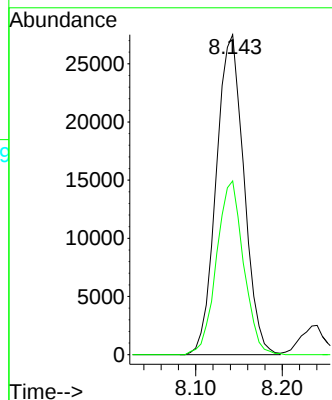
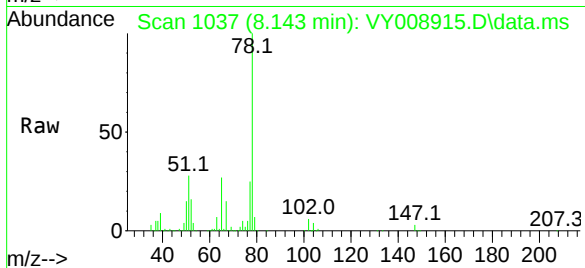
VSTDICCC050

Tgt Ion: 65 Resp: 61058

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

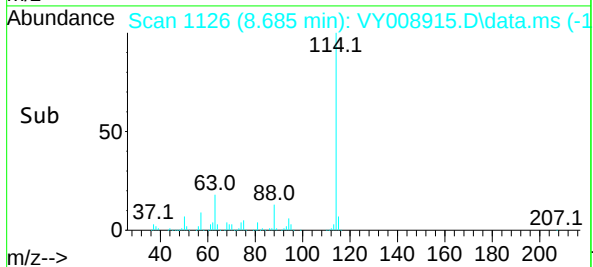
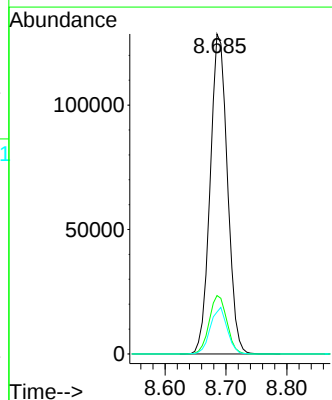
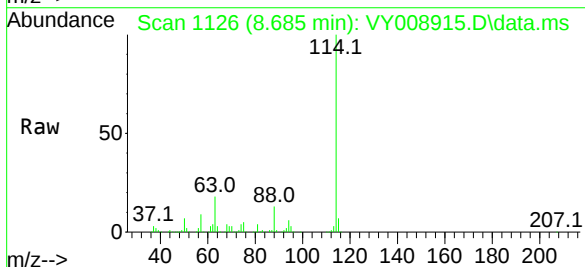
Tgt Ion: 114 Resp: 252639

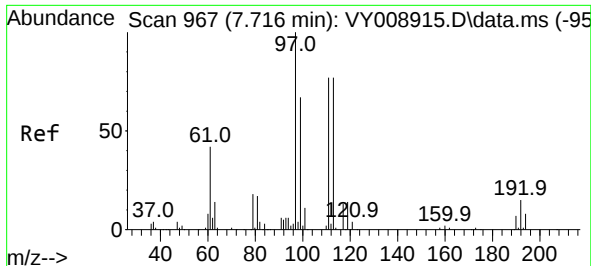
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.1 0.0 31.8

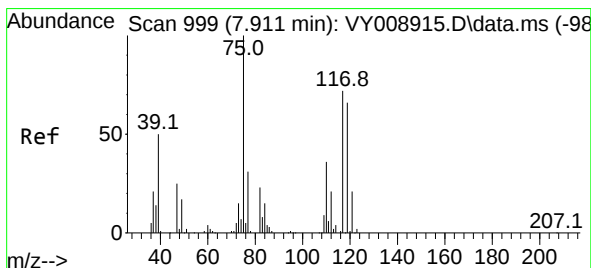
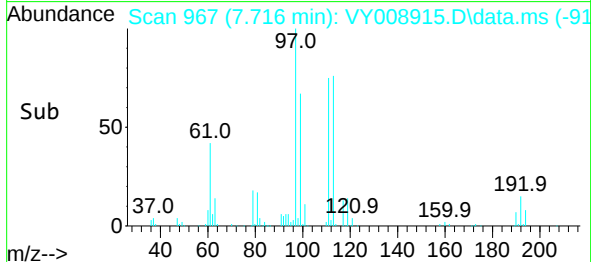
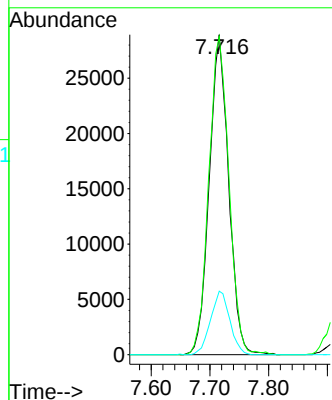
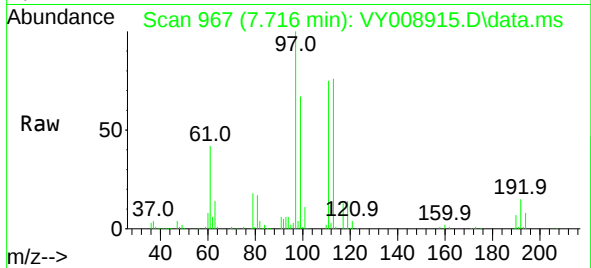




#35
Dibromofluoromethane
Concen: 45.969 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

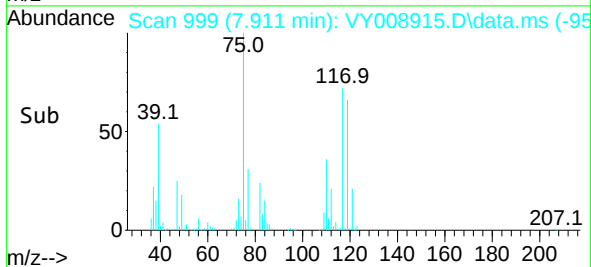
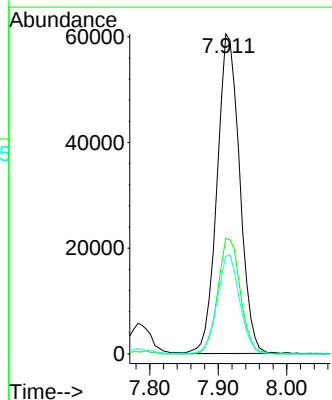
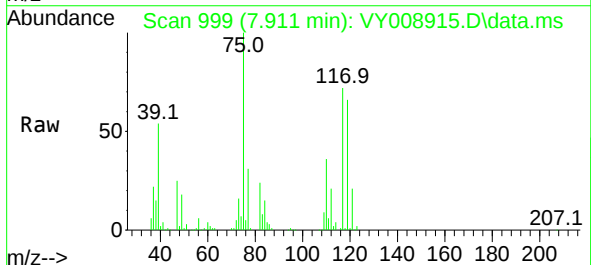
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

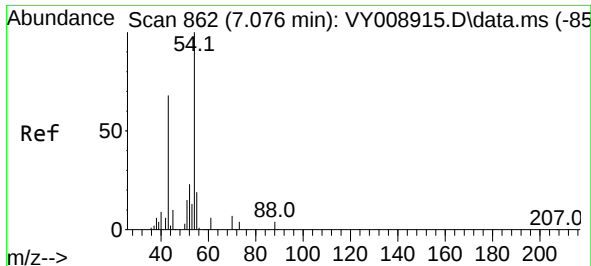
Tgt Ion:113 Resp: 66206
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 56.314 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 75 Resp: 138335
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 31.0 24.4 36.6

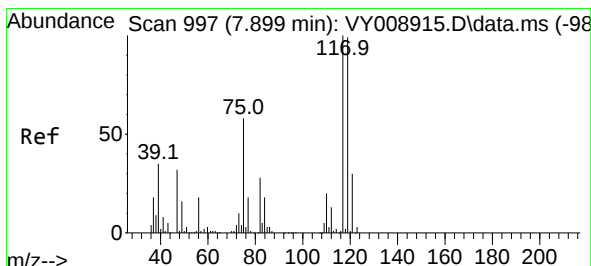
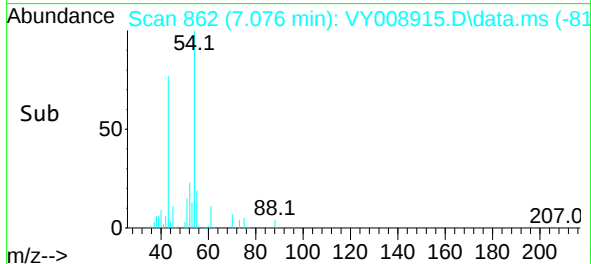
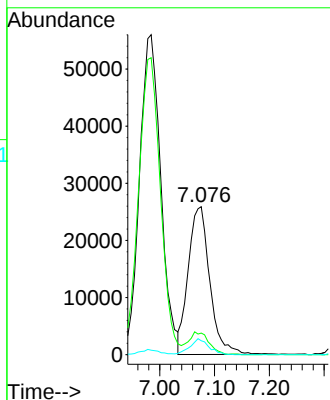
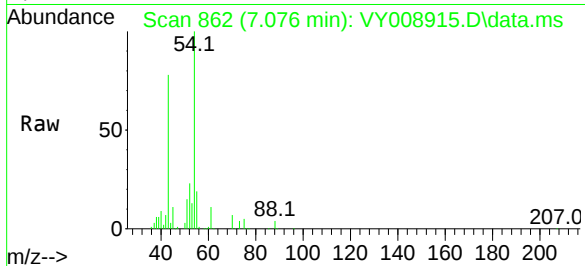




#37
Ethyl Acetate
Concen: 49.584 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

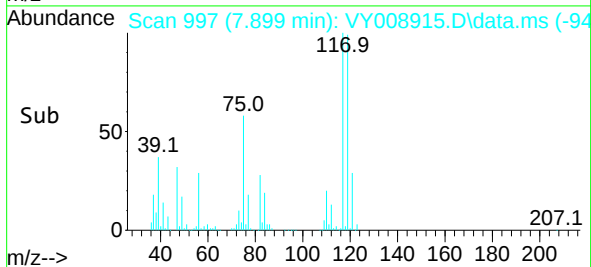
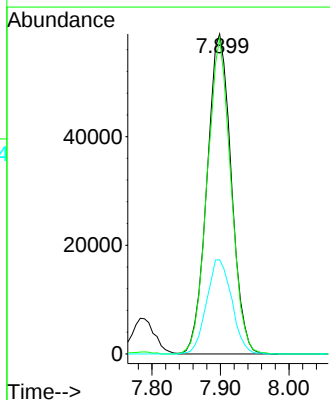
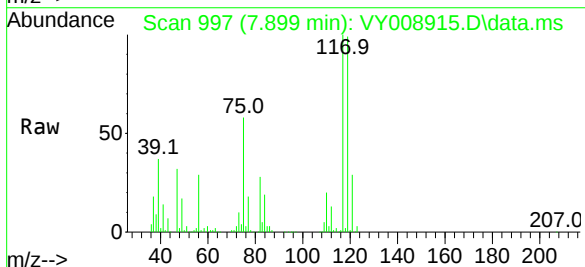
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

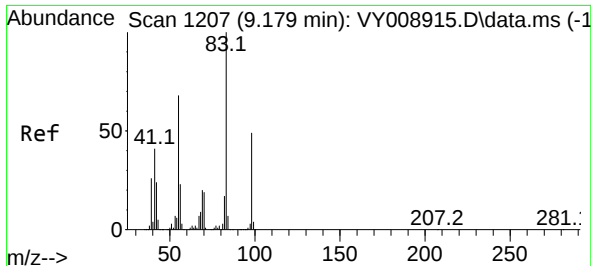
Tgt Ion: 43 Resp: 70793
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 55.198 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 117 Resp: 144691
Ion Ratio Lower Upper
117 100
119 98.6 77.9 116.9
121 29.5 24.8 37.2





#39

Methylcyclohexane

Concen: 62.308 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

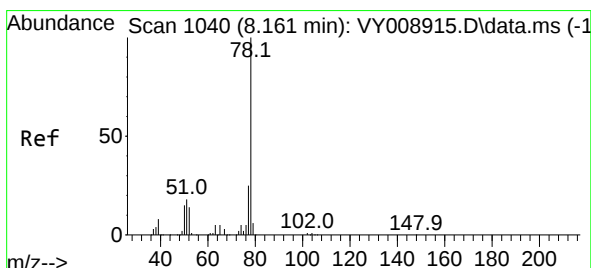
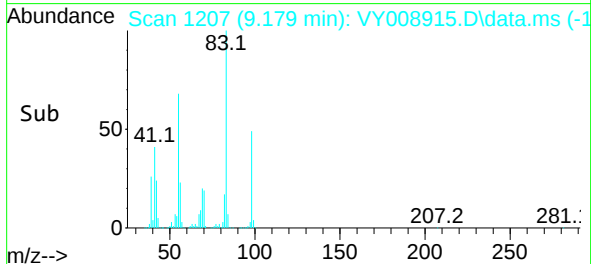
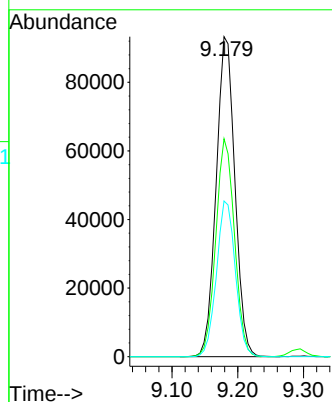
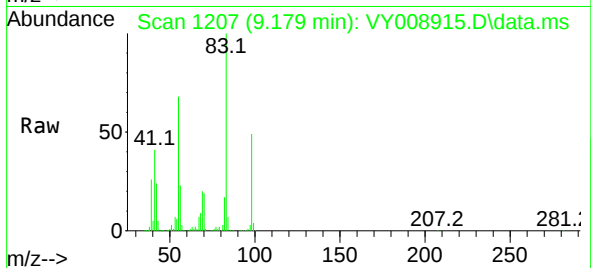
Tgt Ion: 83 Resp: 185277

Ion Ratio Lower Upper

83 100

55 68.1 66.5 99.7

98 48.7 37.9 56.9



#40

Benzene

Concen: 58.378 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008915.D

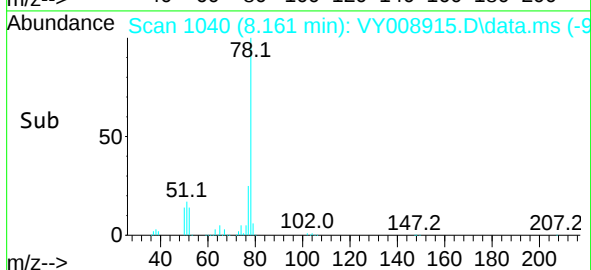
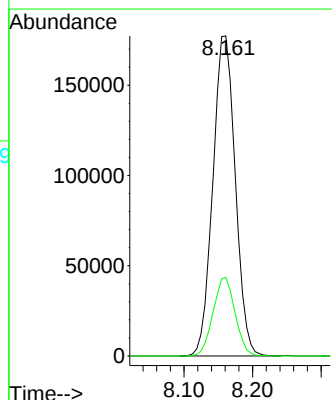
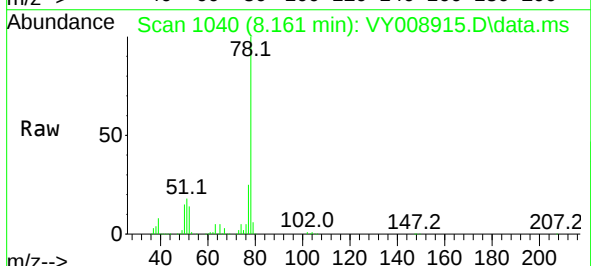
Acq: 20 May 2022 19:47

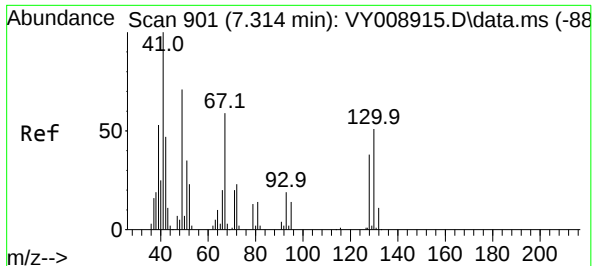
Tgt Ion: 78 Resp: 402555

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

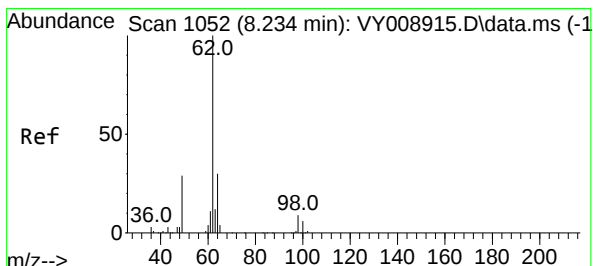
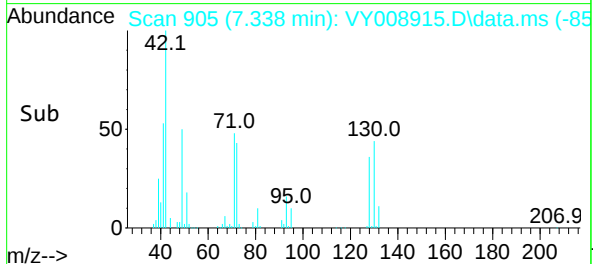
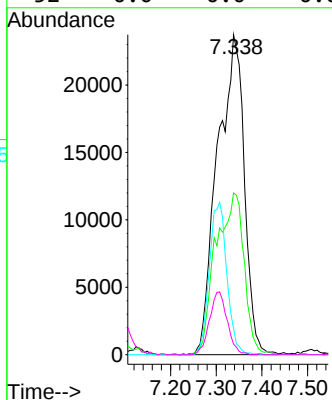
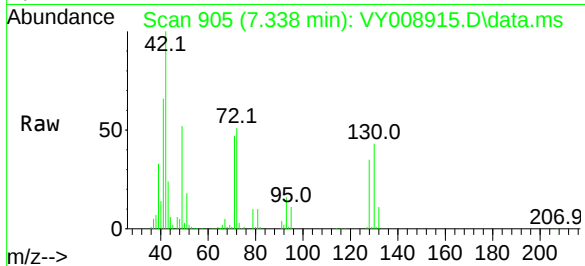




#41
Methacrylonitrile
Concen: 128.185 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

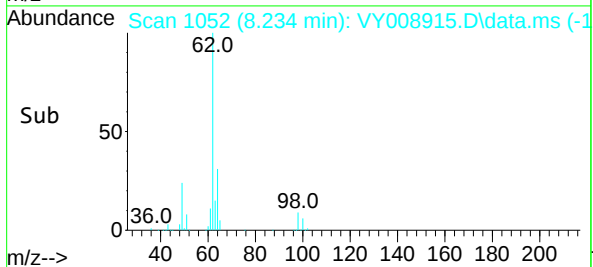
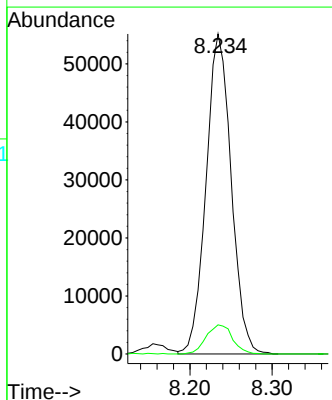
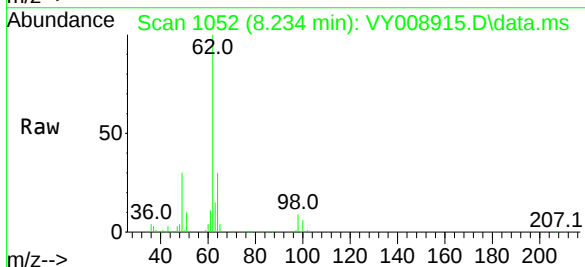
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

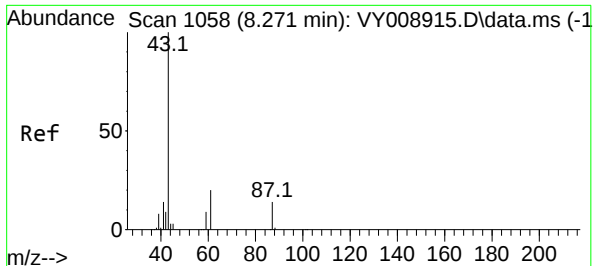
Tgt Ion: 41 Resp: 96397
Ion Ratio Lower Upper
41 100
39 53.2 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 57.901 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 62 Resp: 117230
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8

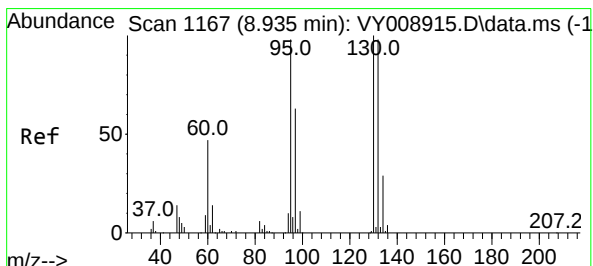
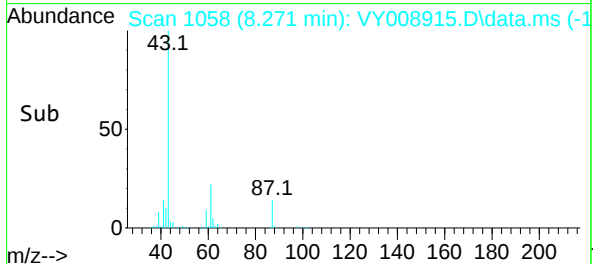
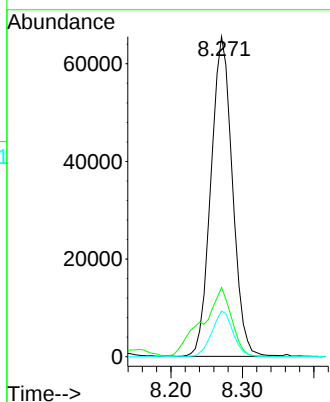
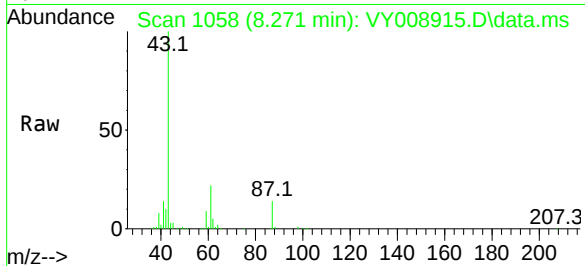




#43
Isopropyl Acetate
Concen: 56.522 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

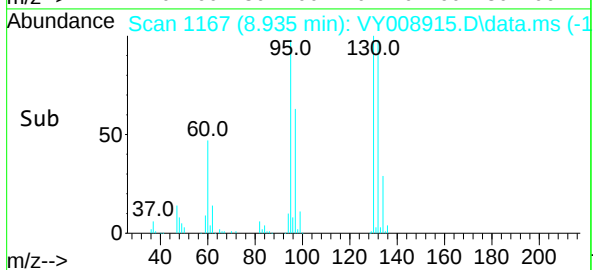
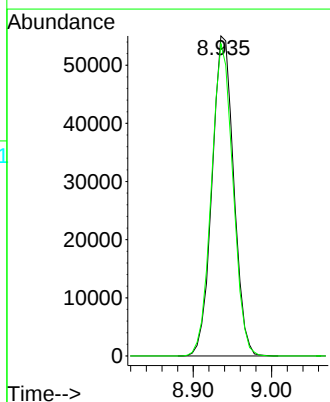
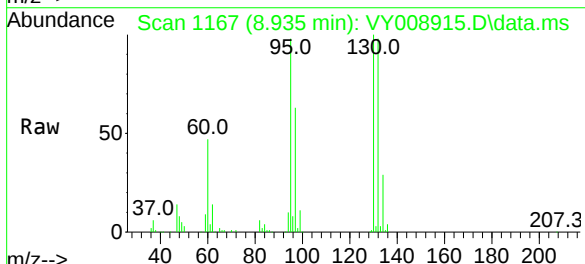
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

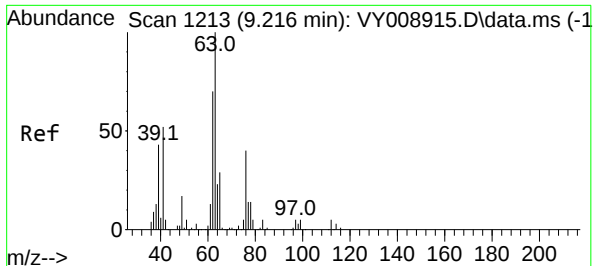
Tgt Ion: 43 Resp: 136678
Ion Ratio Lower Upper
43 100
61 29.6 20.2 30.2
87 14.0 8.9 13.3#



#44
Trichloroethene
Concen: 56.627 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:130 Resp: 105614
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 59.741 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

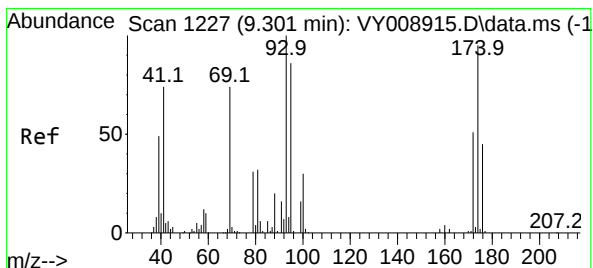
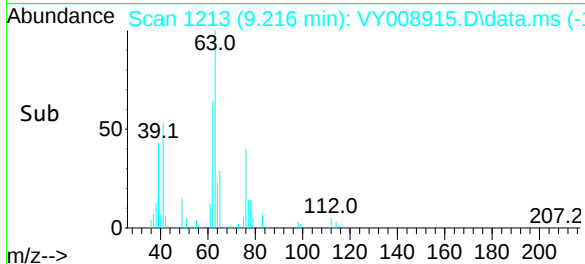
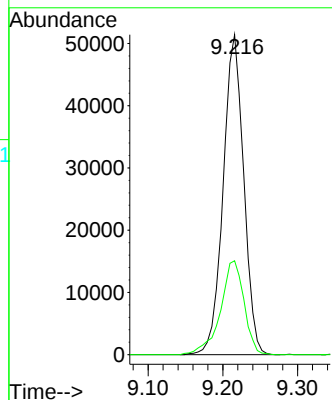
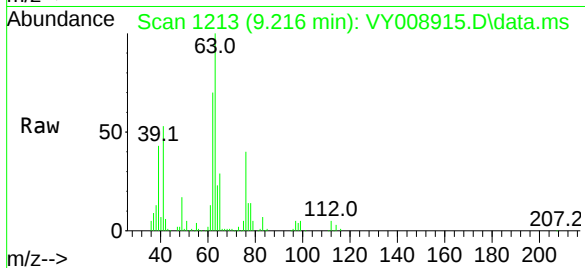
VSTDICCC050

Tgt Ion: 63 Resp: 98240

Ion Ratio Lower Upper

63 100

65 29.4 23.0 34.6



#46

Dibromomethane

Concen: 57.177 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

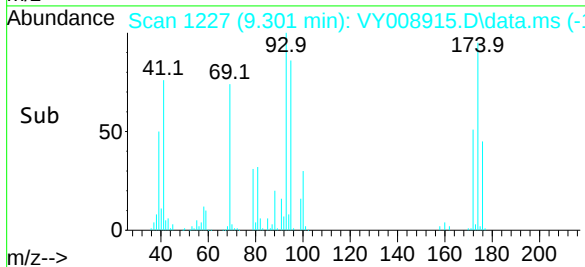
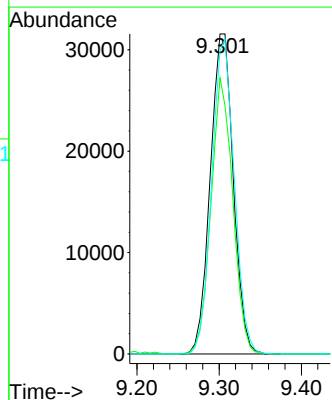
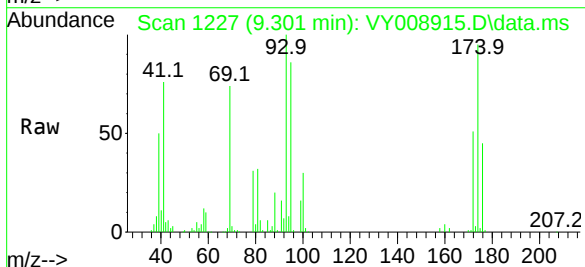
Tgt Ion: 93 Resp: 61545

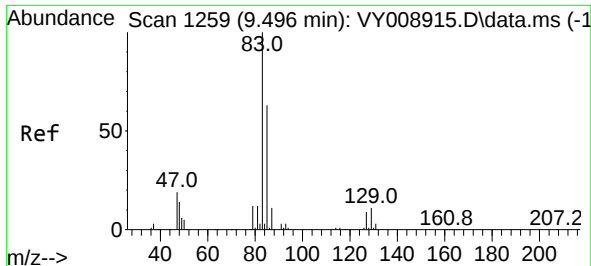
Ion Ratio Lower Upper

93 100

95 81.5 64.3 96.5

174 95.8 83.4 125.0

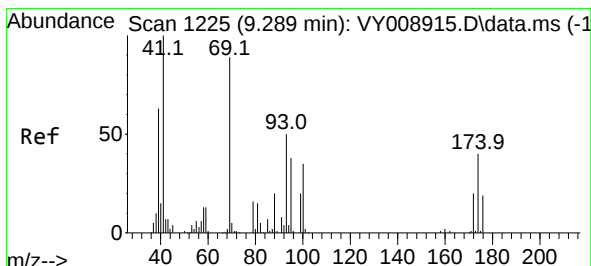
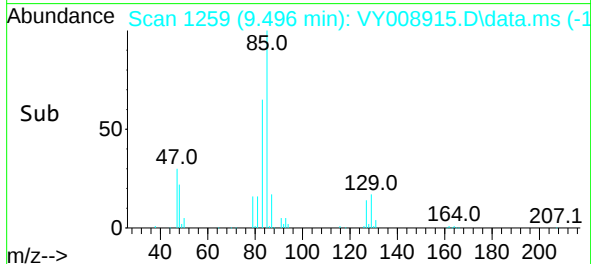
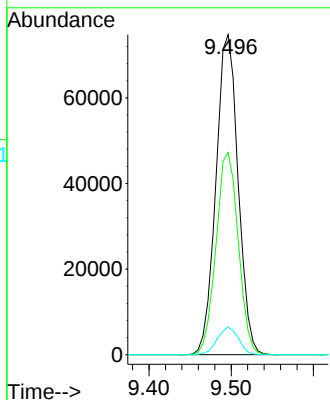
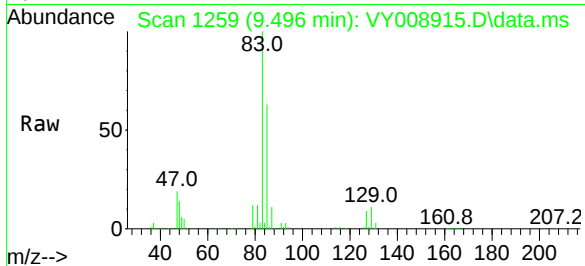




#47
Bromodichloromethane
Concen: 58.639 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

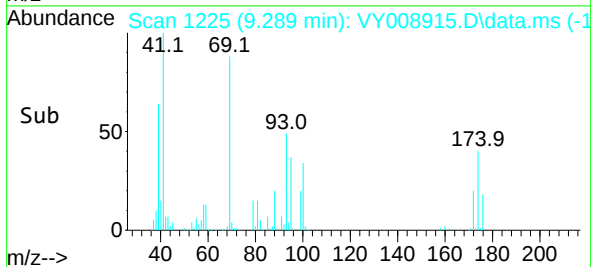
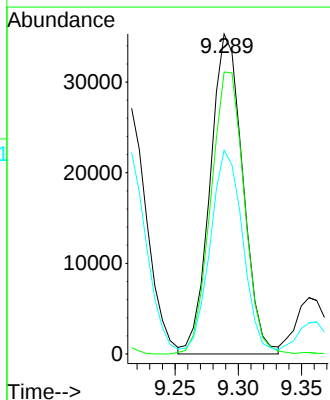
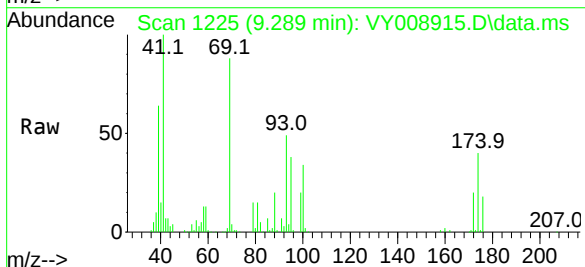
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

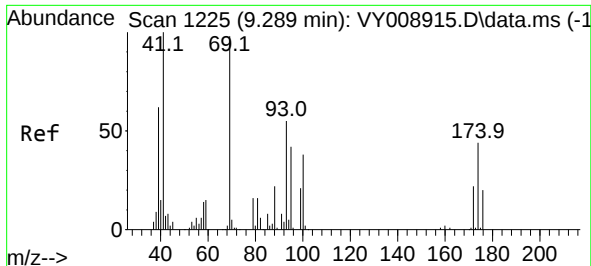
Tgt Ion: 83 Resp: 140089
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 59.120 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 41 Resp: 63293
Ion Ratio Lower Upper
41 100
69 90.0 58.2 87.2#
39 61.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1046.847 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

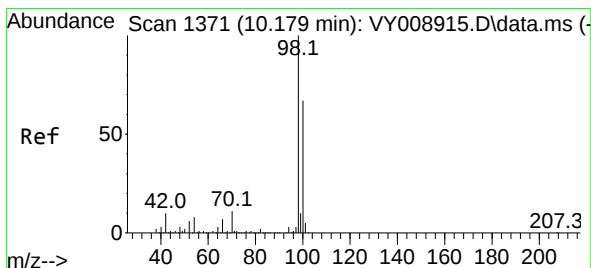
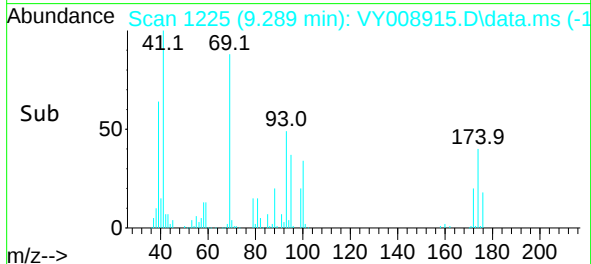
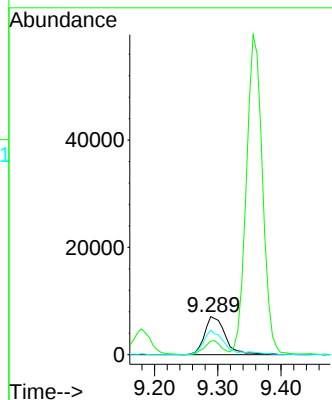
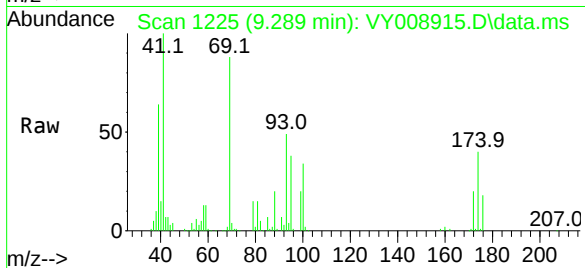
Tgt Ion: 88 Resp: 16401

Ion Ratio Lower Upper

88 100

43 30.4 32.8 49.2#

58 60.8 59.8 89.6



#50

Toluene-d8

Concen: 41.545 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008915.D

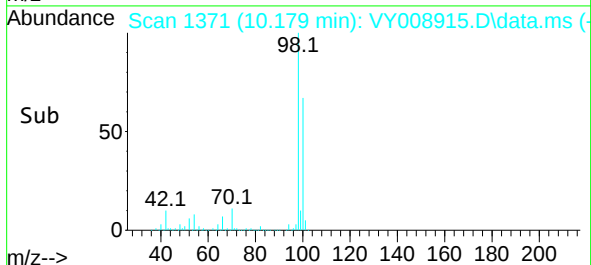
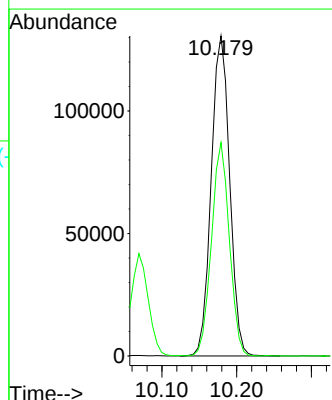
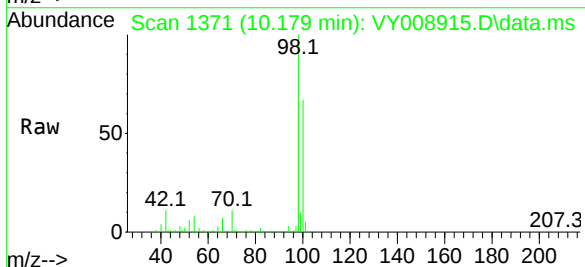
Acq: 20 May 2022 19:47

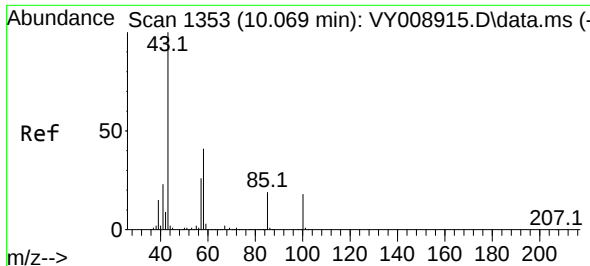
Tgt Ion: 98 Resp: 224222

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2

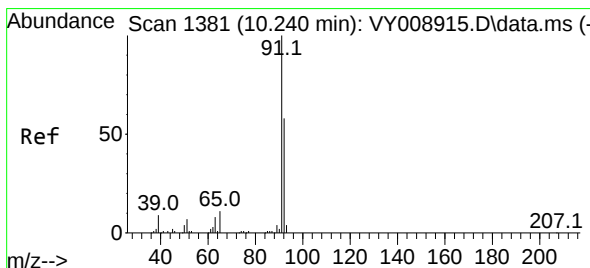
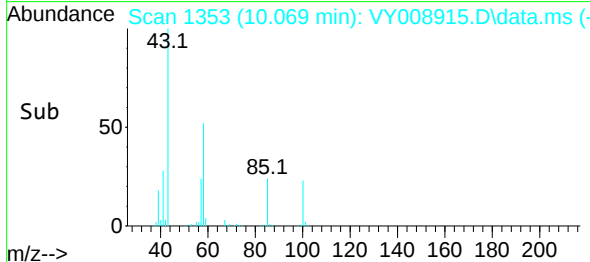
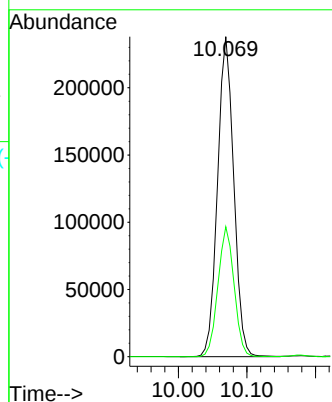
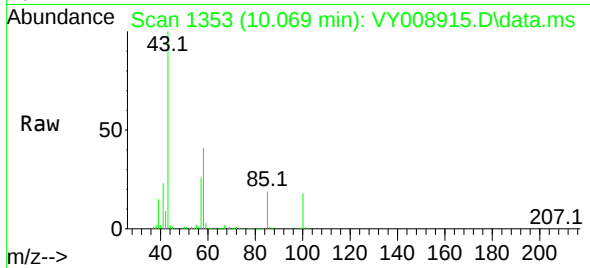




#51
4-Methyl-2-Pentanone
Concen: 276.112 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

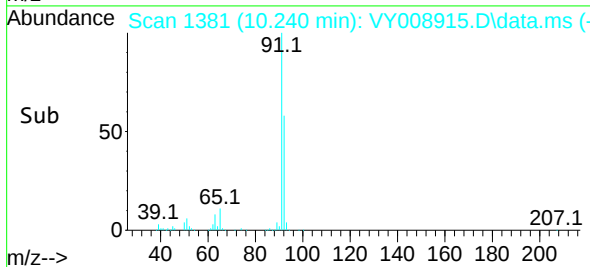
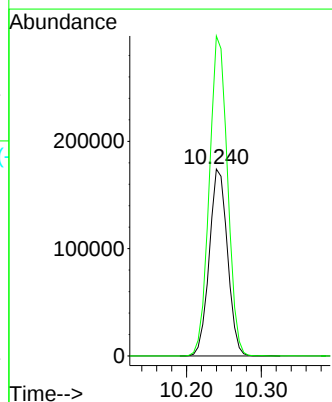
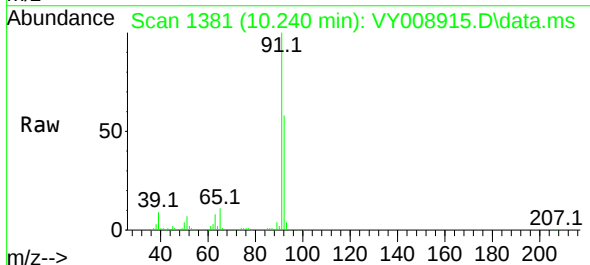
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

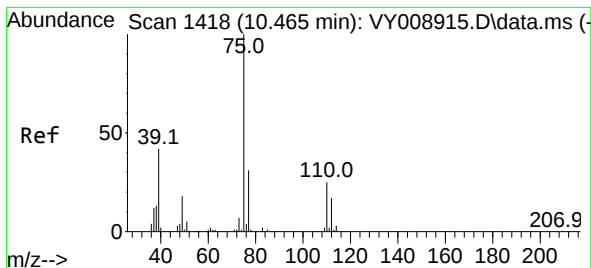
Tgt Ion: 43 Resp: 390176
Ion Ratio Lower Upper
43 100
58 40.4 28.1 42.1



#52
Toluene
Concen: 62.263 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 92 Resp: 293807
Ion Ratio Lower Upper
92 100
91 171.7 142.6 213.8

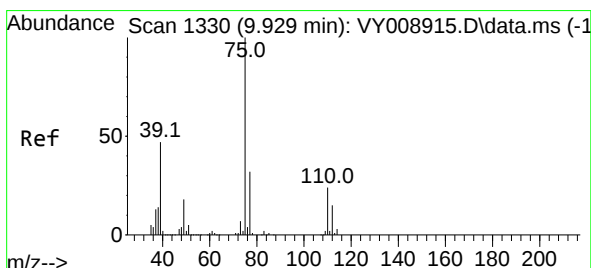
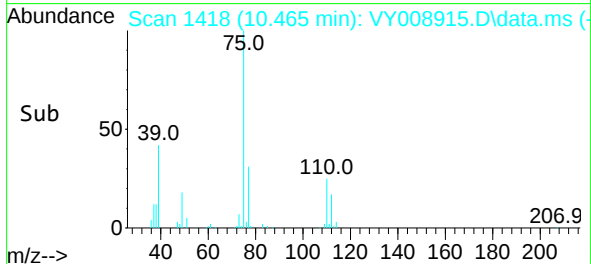
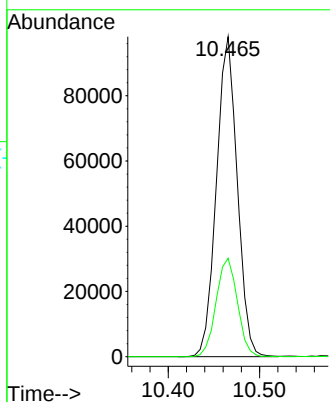
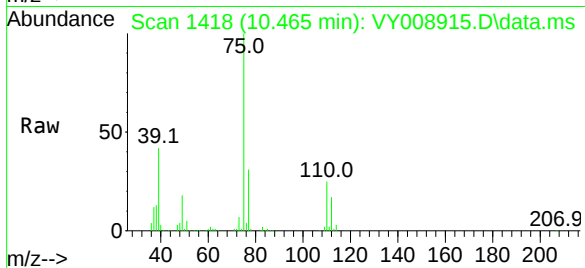




#53
 t-1,3-Dichloropropene
 Concen: 62.249 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

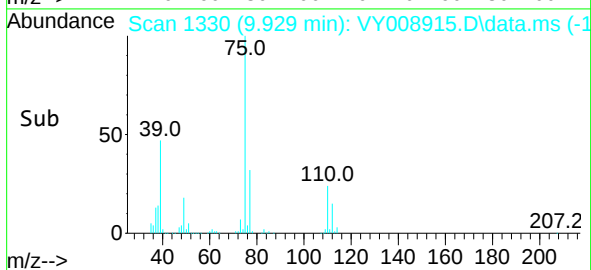
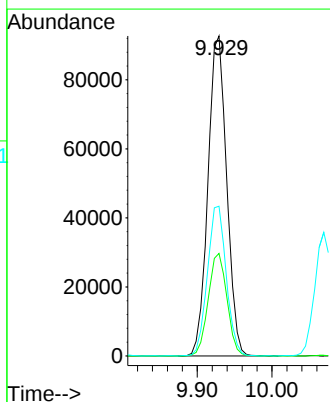
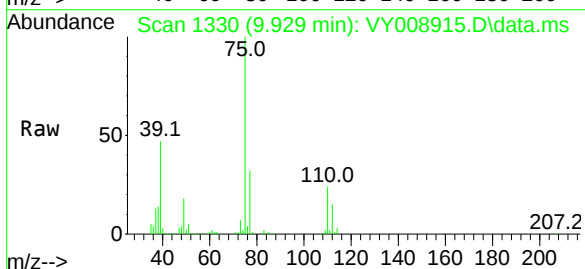
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

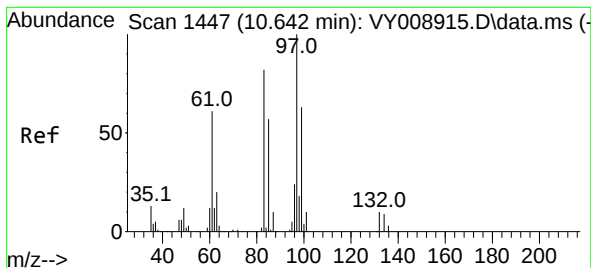
Tgt Ion: 75 Resp: 155412
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 60.054 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

Tgt Ion: 75 Resp: 161426
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 46.8 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 59.991 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 87805

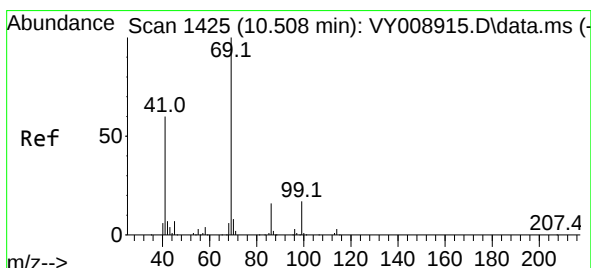
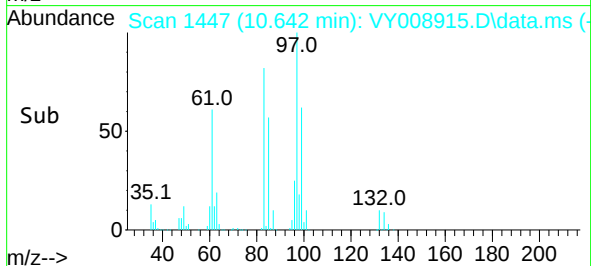
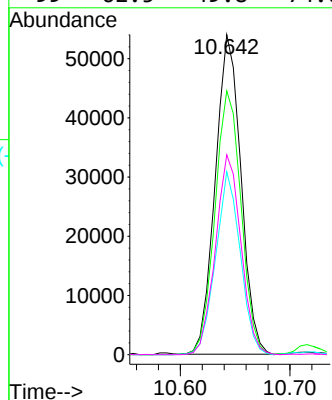
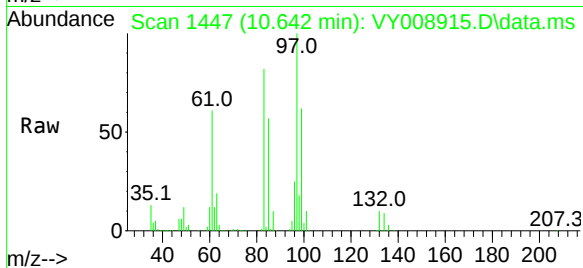
Ion Ratio Lower Upper

97 100

83 82.4 69.8 104.8

85 57.2 44.3 66.5

99 62.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 65.146 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

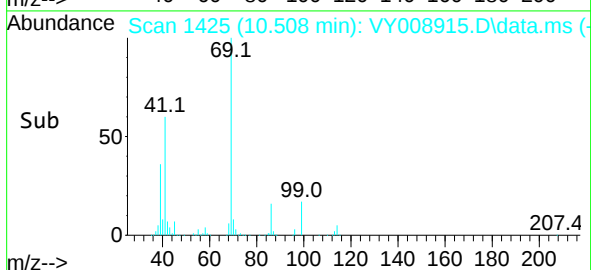
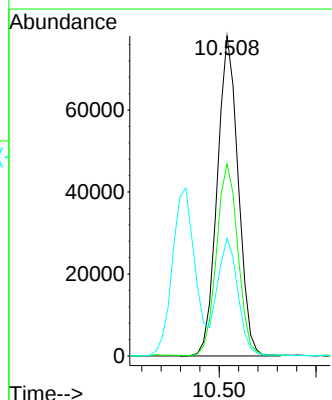
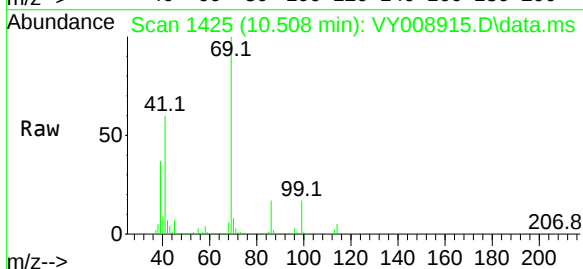
Tgt Ion: 69 Resp: 117300

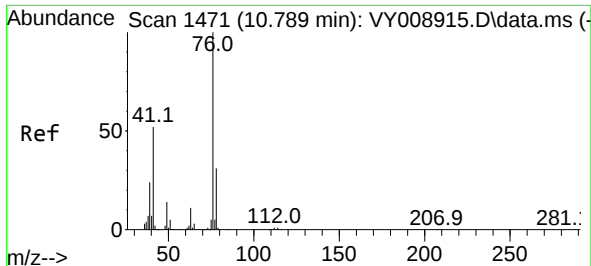
Ion Ratio Lower Upper

69 100

41 61.2 63.4 95.0#

39 35.2 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 59.638 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

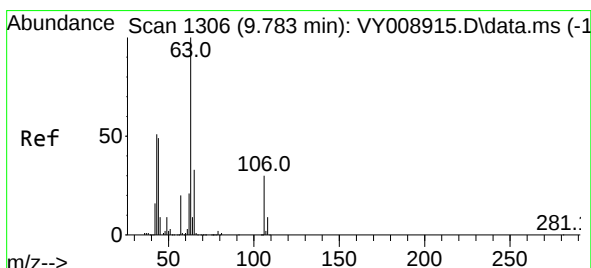
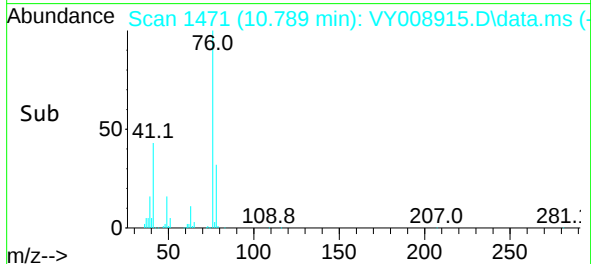
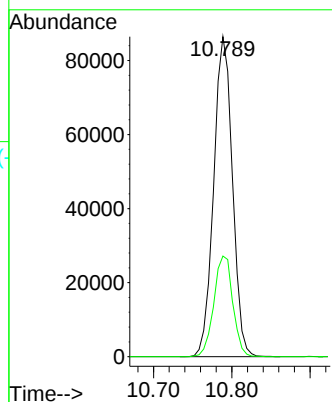
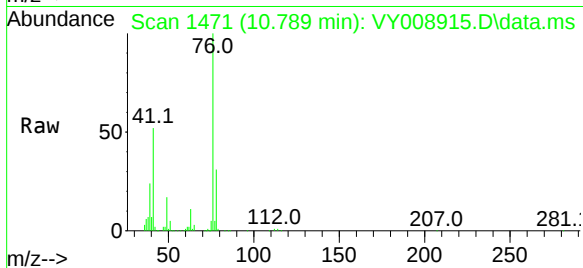
VSTDICCC050

Tgt Ion: 76 Resp: 143785

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 279.134 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008915.D

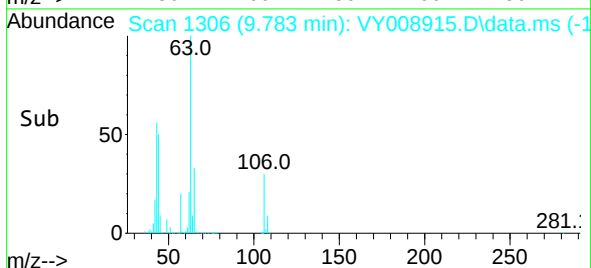
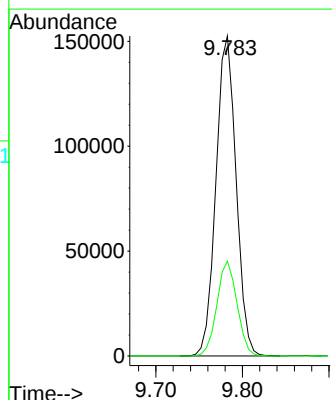
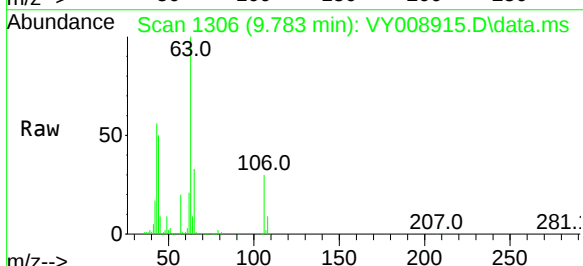
Acq: 20 May 2022 19:47

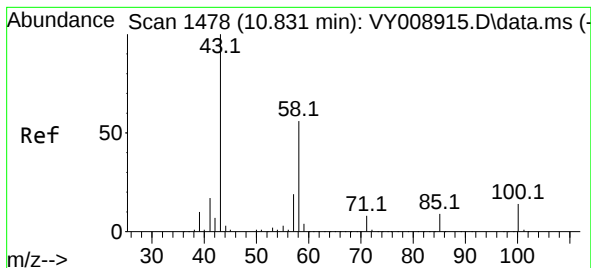
Tgt Ion: 63 Resp: 246522

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3





#59

2-Hexanone

Concen: 275.004 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

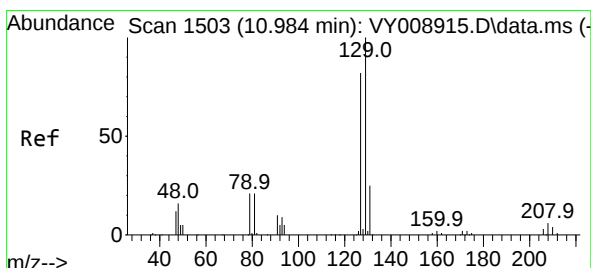
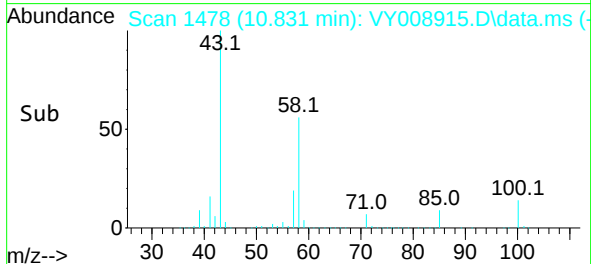
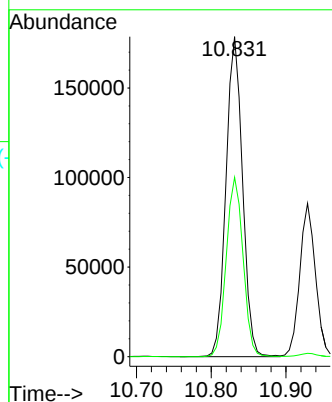
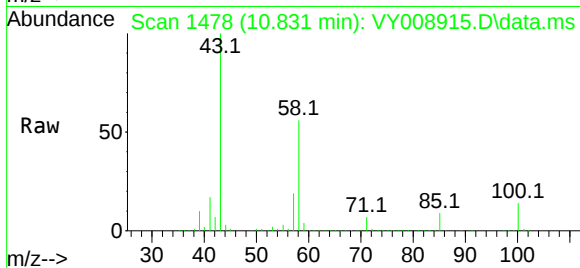
VSTDICCC050

Tgt Ion: 43 Resp: 275096

Ion Ratio Lower Upper

43 100

58 56.8 24.4 73.4



#60

Dibromochloromethane

Concen: 60.796 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY008915.D

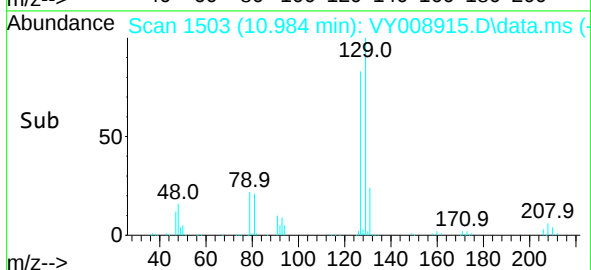
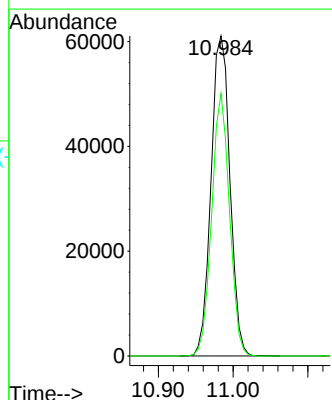
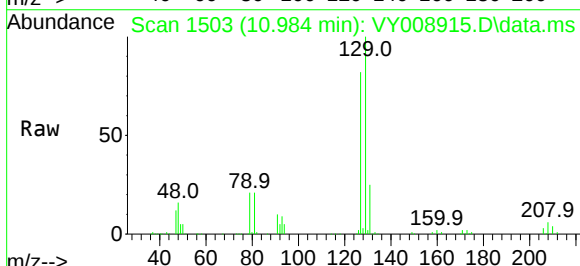
Acq: 20 May 2022 19:47

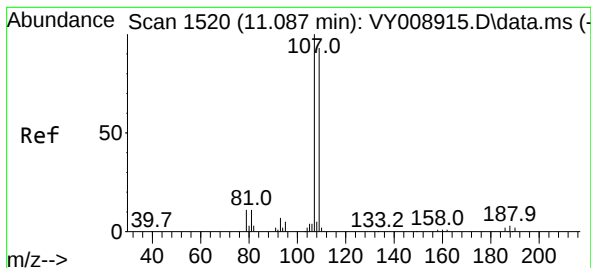
Tgt Ion:129 Resp: 107520

Ion Ratio Lower Upper

129 100

127 77.3 38.7 116.1

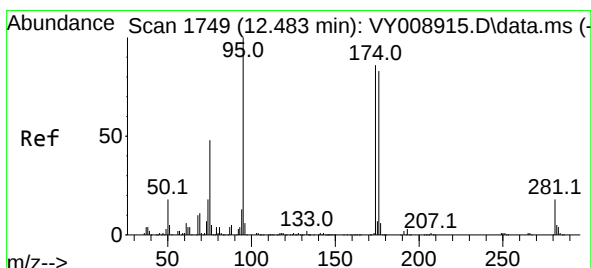
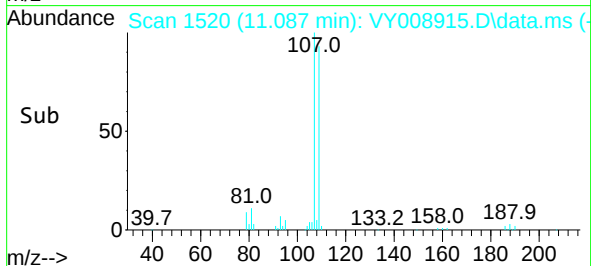
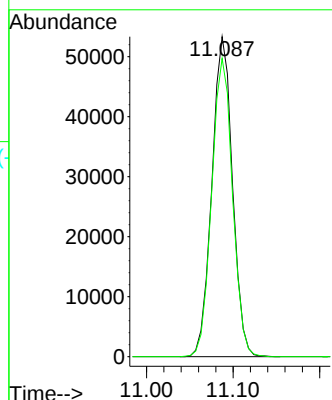
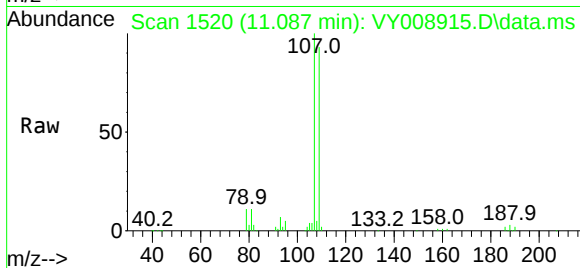




#61
1,2-Dibromoethane
Concen: 60.154 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

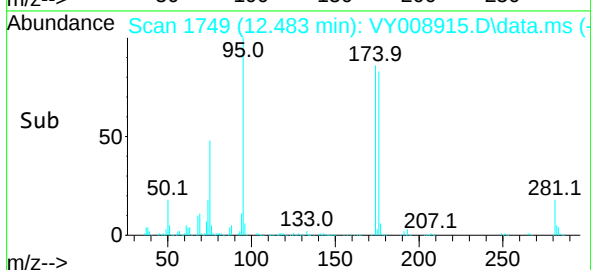
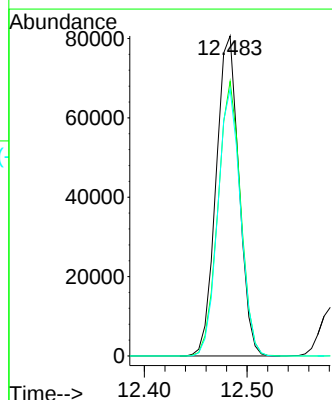
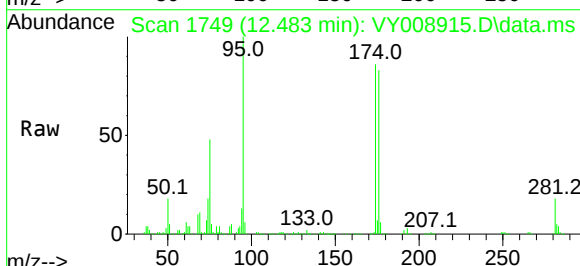
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

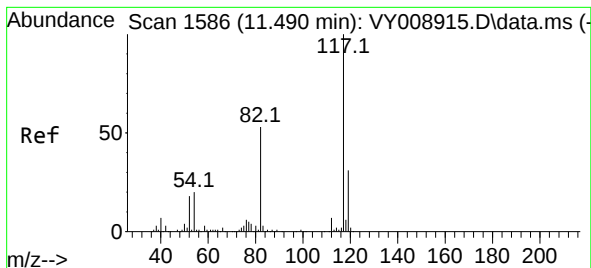
Tgt Ion:107 Resp: 87960
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 60.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 95 Resp: 124348
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

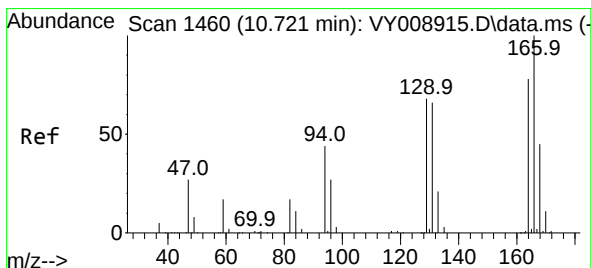
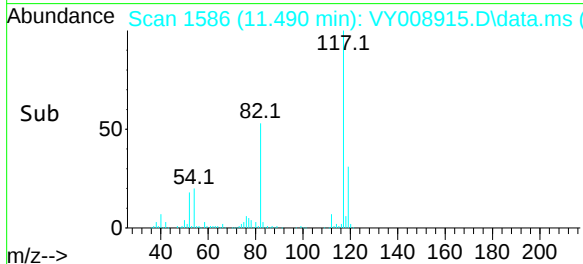
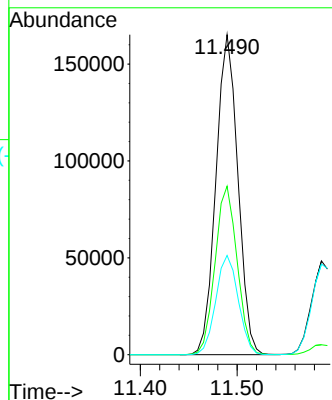
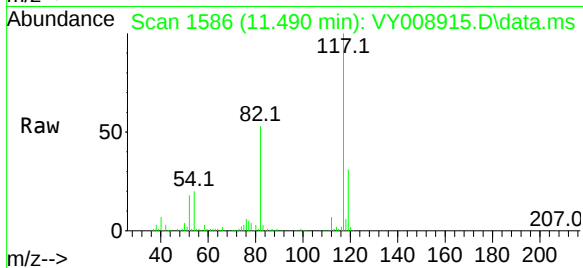
Tgt Ion:117 Resp: 260354

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 31.0 25.4 38.0



#64

Tetrachloroethene

Concen: 56.080 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Tgt Ion:164 Resp: 97145

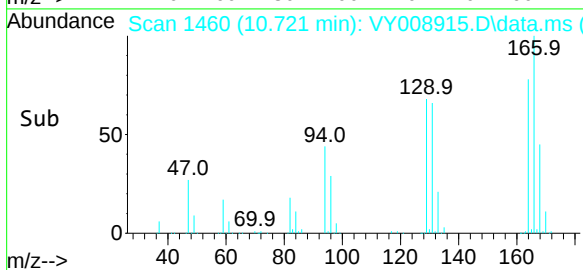
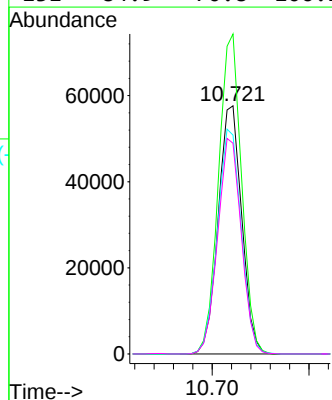
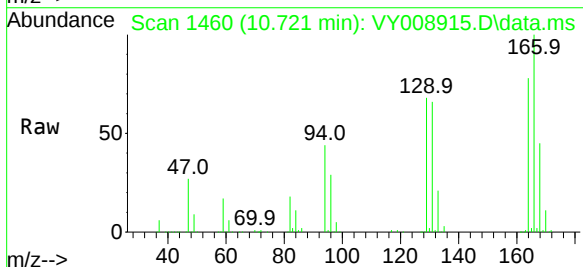
Ion Ratio Lower Upper

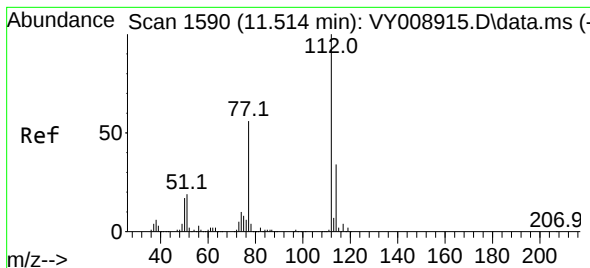
164 100

166 128.9 100.4 150.6

129 88.2 71.4 107.0

131 84.9 70.8 106.2





#65

Chlorobenzene

Concen: 56.766 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

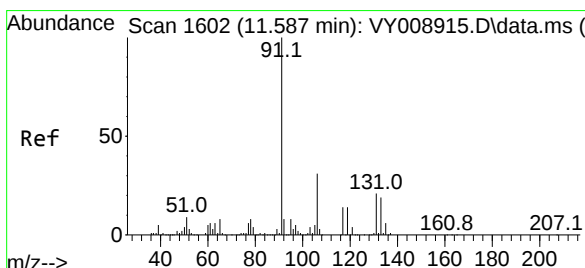
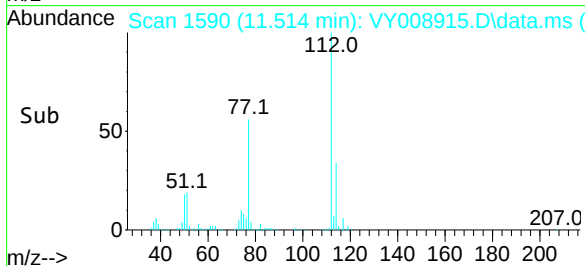
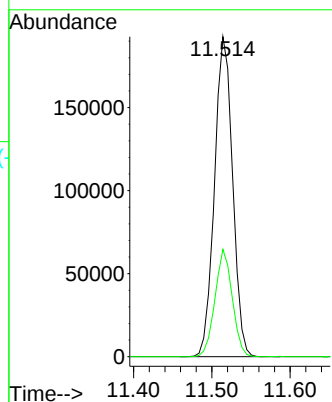
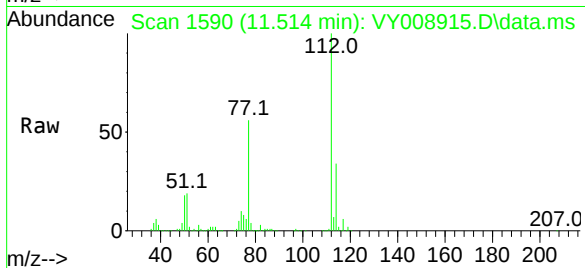
VSTDICCC050

Tgt Ion:112 Resp: 309620

Ion Ratio Lower Upper

112 100

114 33.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 58.058 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

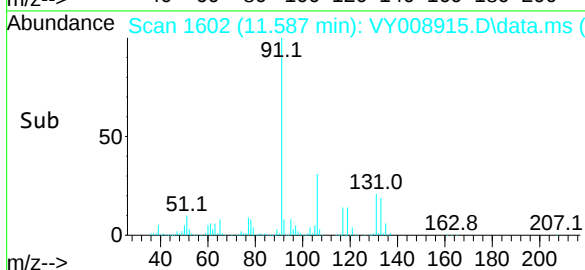
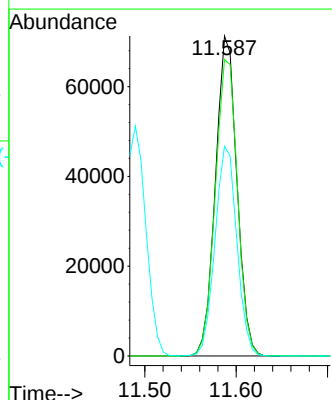
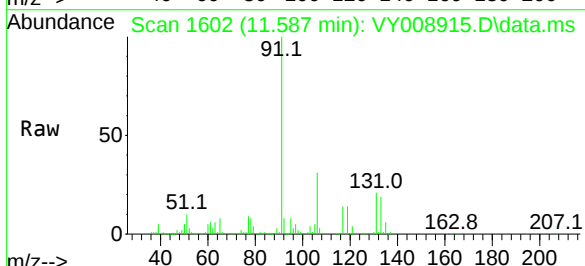
Tgt Ion:131 Resp: 116207

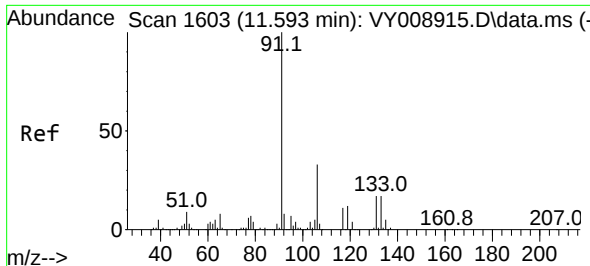
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 59.702 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

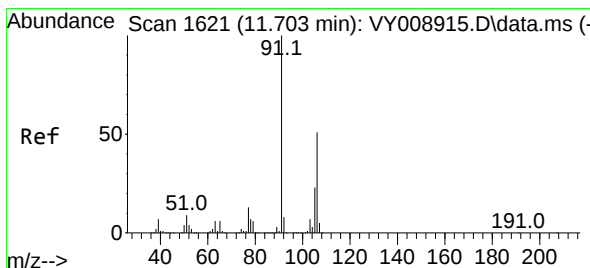
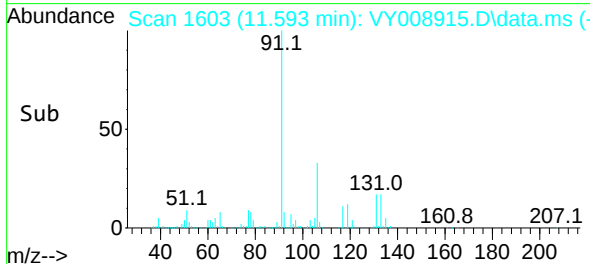
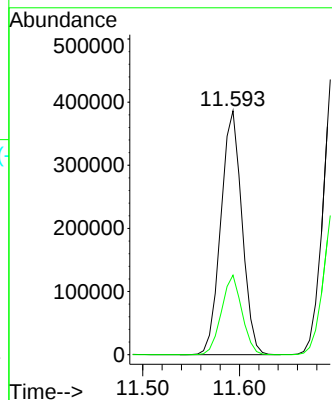
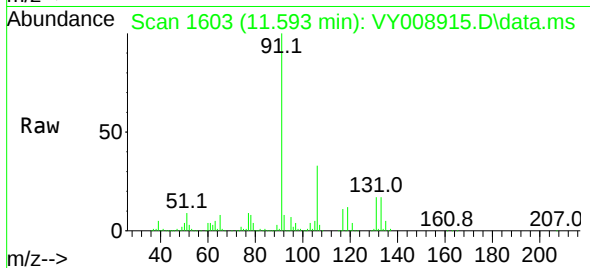
VSTDICCC050

Tgt Ion: 91 Resp: 585185

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 126.174 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008915.D

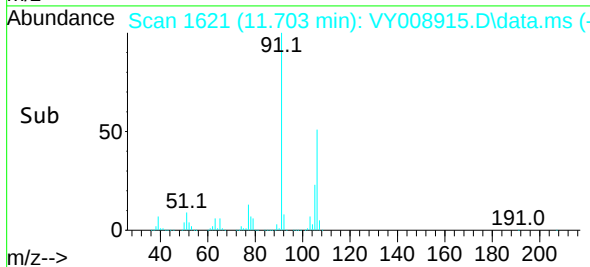
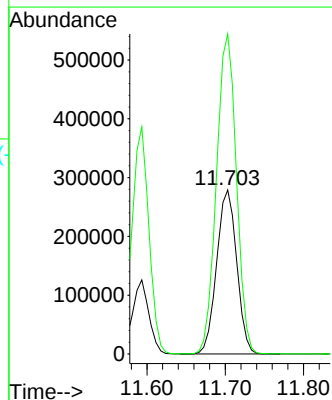
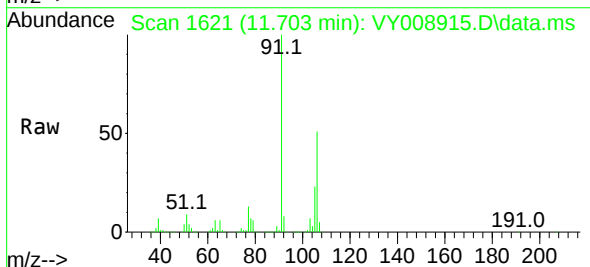
Acq: 20 May 2022 19:47

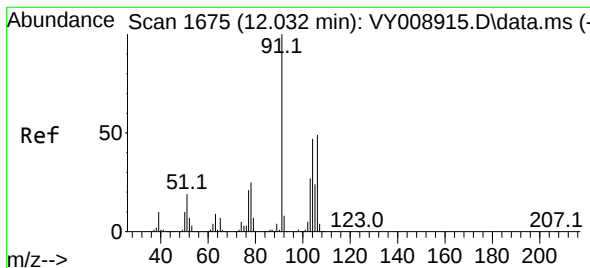
Tgt Ion:106 Resp: 495685

Ion Ratio Lower Upper

106 100

91 194.5 166.6 249.8

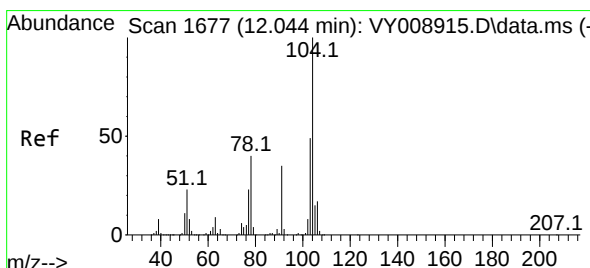
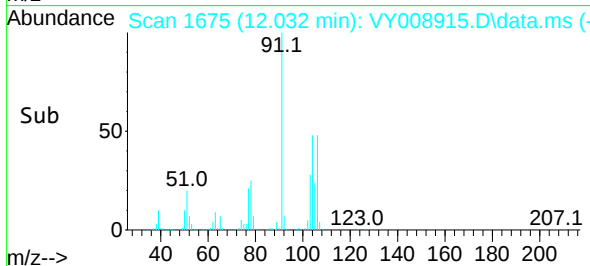
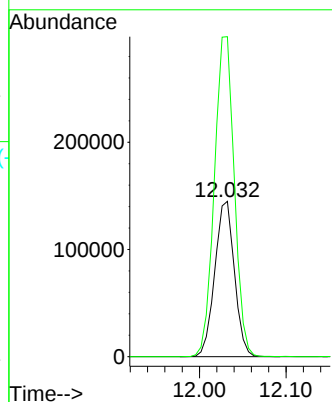
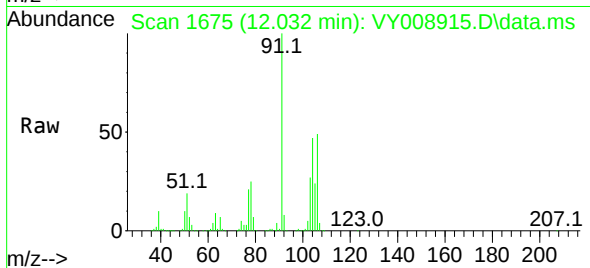




#69
o-Xylene
Concen: 62.961 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

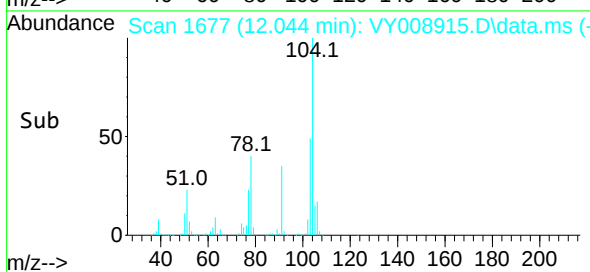
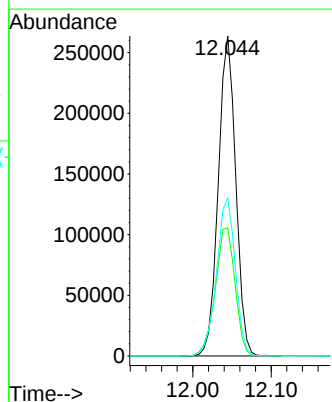
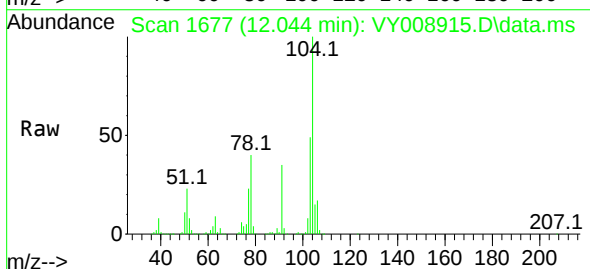
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

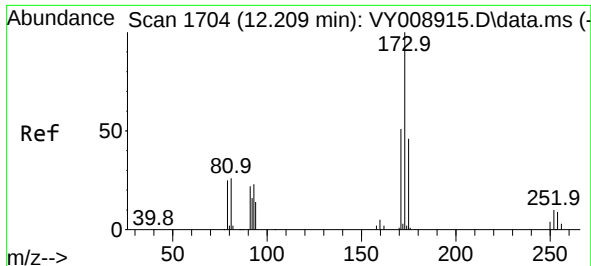
Tgt Ion:106 Resp: 228337
Ion Ratio Lower Upper
106 100
91 209.2 110.3 331.0



#70
Styrene
Concen: 66.085 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:104 Resp: 408956
Ion Ratio Lower Upper
104 100
78 45.4 42.4 63.6
103 53.2 44.4 66.6

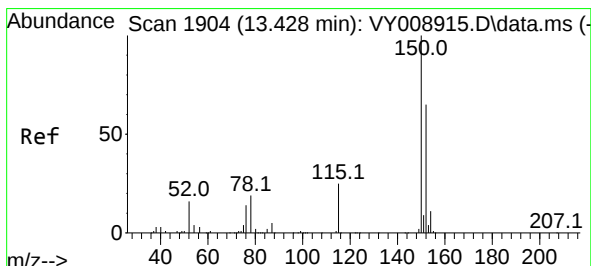
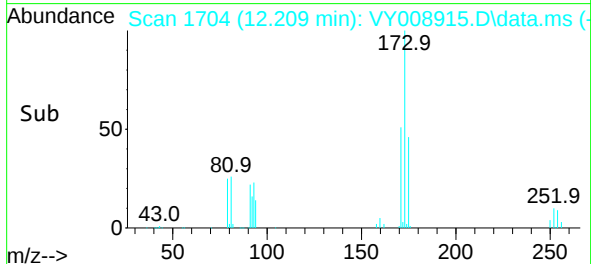
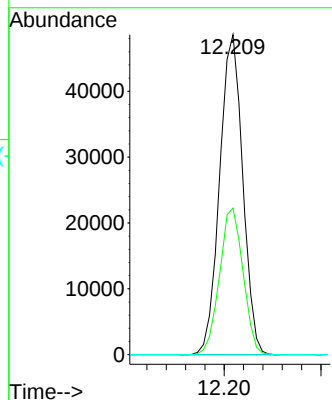
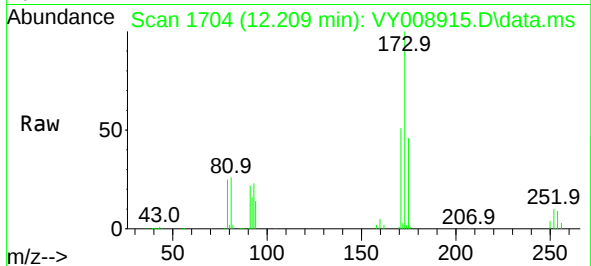




#71
Bromoform
Concen: 59.093 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

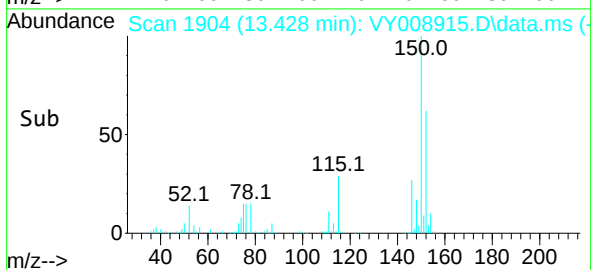
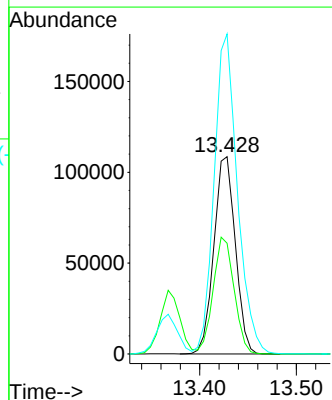
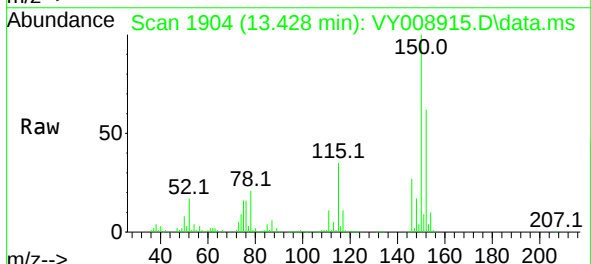
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

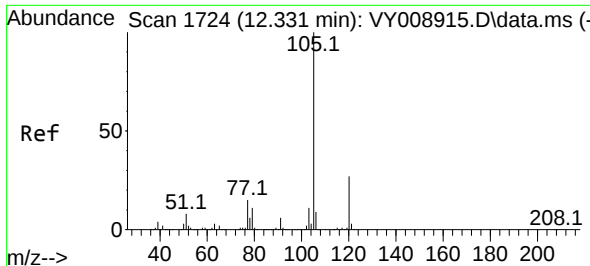
Tgt Ion:173 Resp: 80252
Ion Ratio Lower Upper
173 100
175 46.7 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:152 Resp: 167085
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 176.1 0.0 347.6

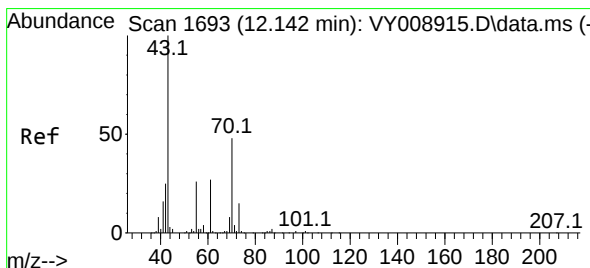
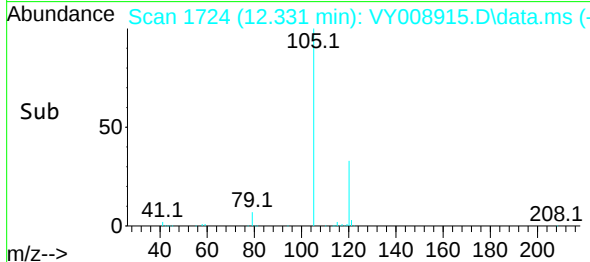
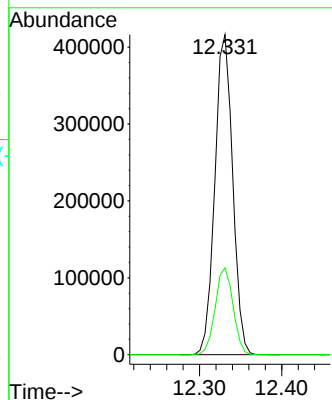
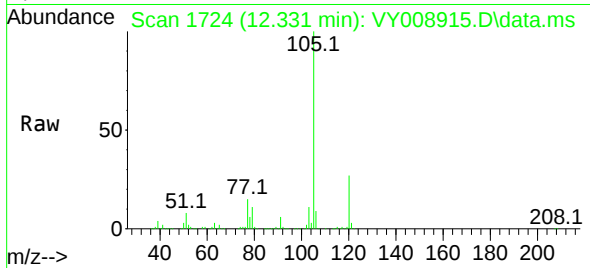




#73
Isopropylbenzene
Concen: 53.028 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

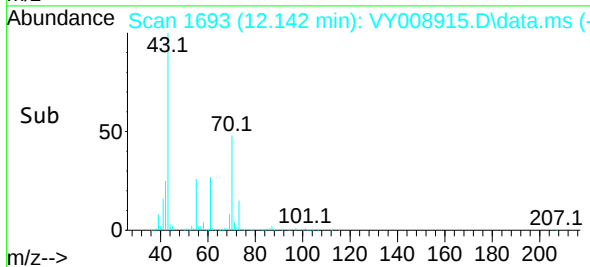
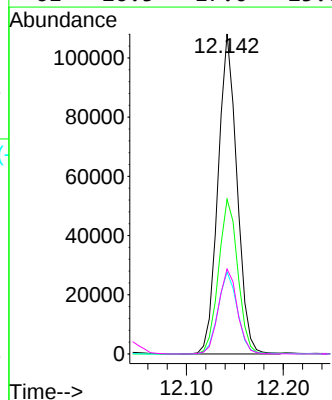
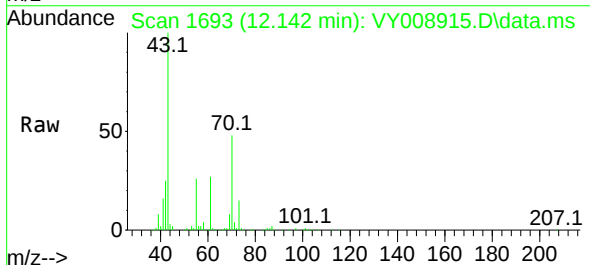
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

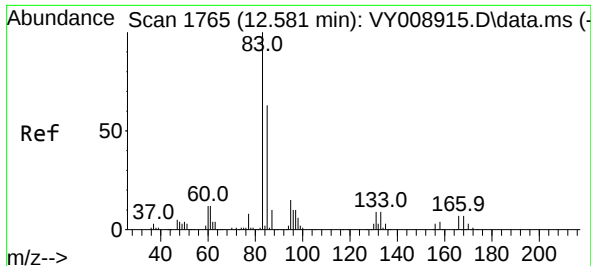
Tgt Ion:105 Resp: 626641
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 52.401 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 43 Resp: 146917
Ion Ratio Lower Upper
43 100
70 48.9 28.7 43.1#
55 26.1 17.3 25.9#
61 26.5 17.0 25.6#

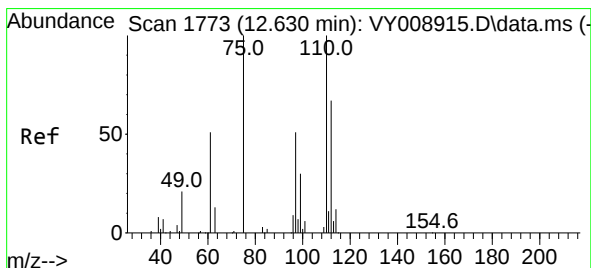
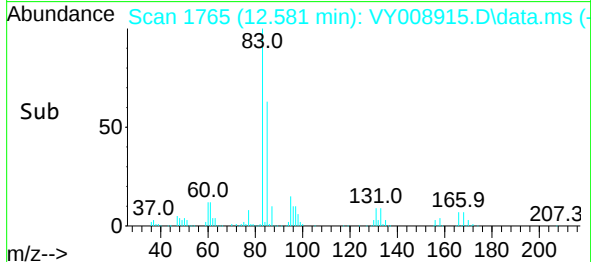
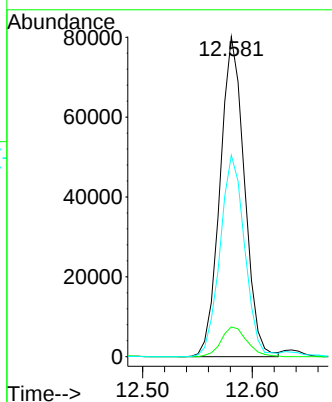
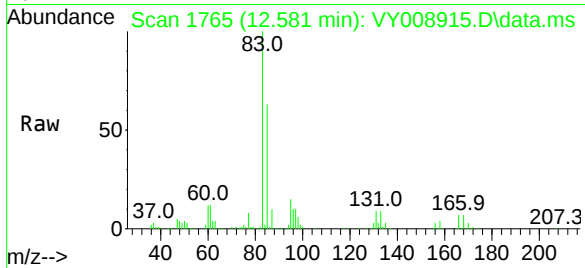




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.789 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

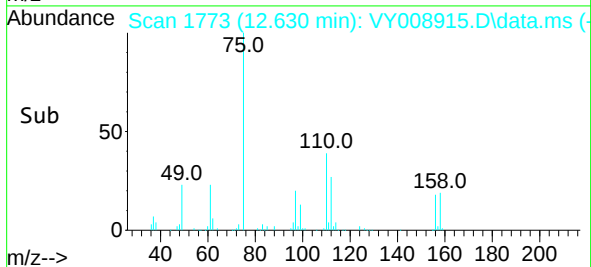
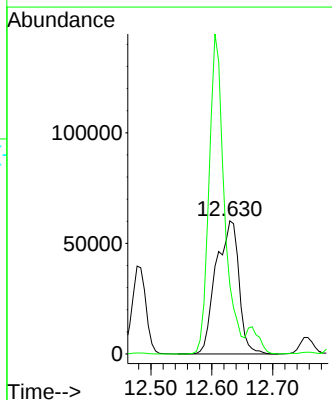
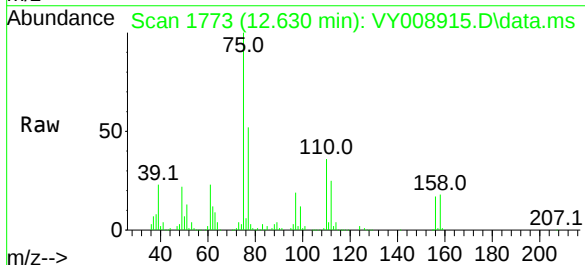
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

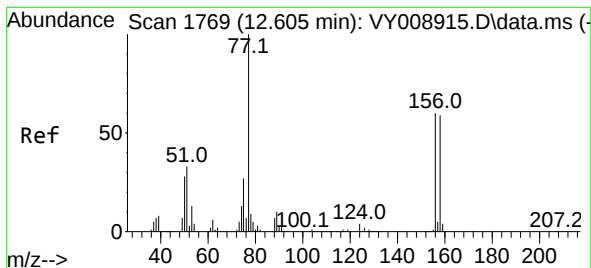
Tgt Ion: 83 Resp: 123875
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.6 16.8
 85 63.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 80.226 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

Tgt Ion: 75 Resp: 156974
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.504 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

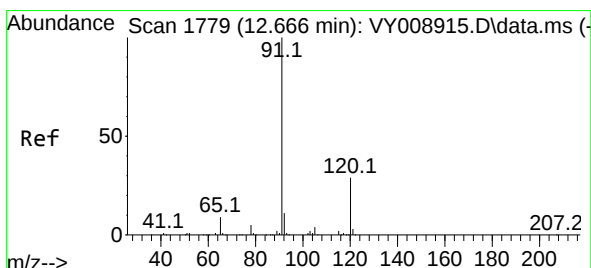
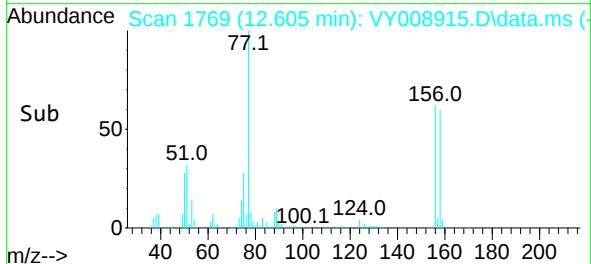
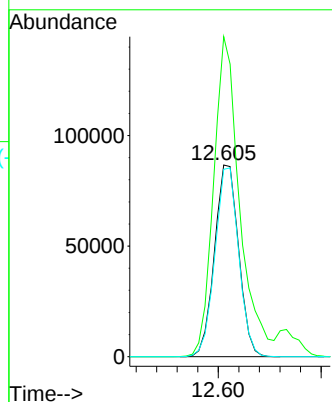
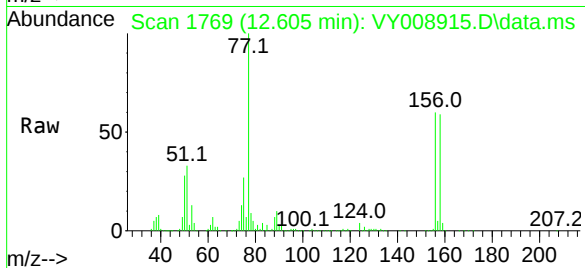
Tgt Ion:156 Resp: 140952

Ion Ratio Lower Upper

156 100

77 180.6 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 36.305 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY008915.D

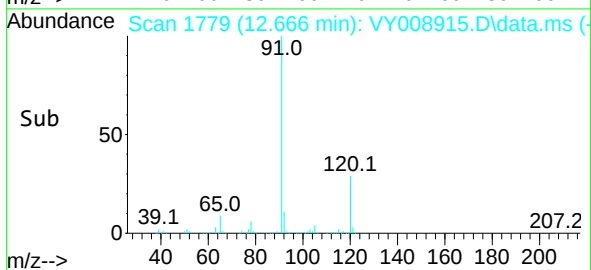
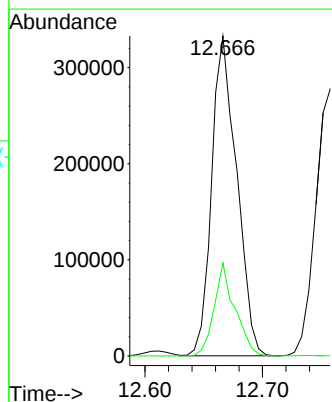
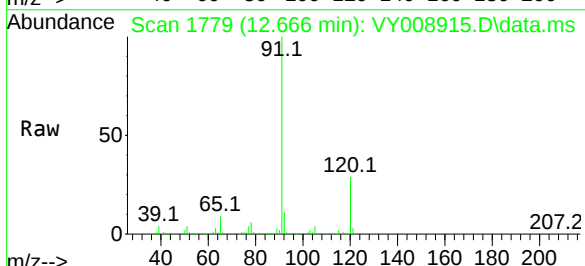
Acq: 20 May 2022 19:47

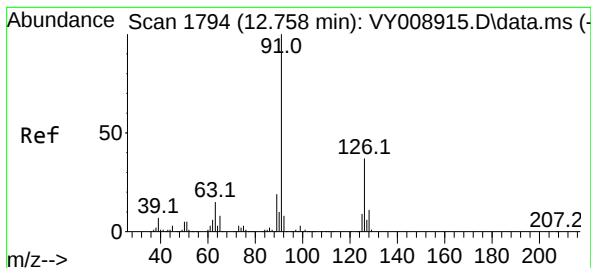
Tgt Ion: 91 Resp: 491766

Ion Ratio Lower Upper

91 100

120 24.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 54.242 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

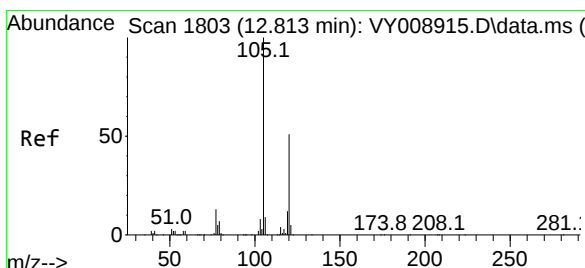
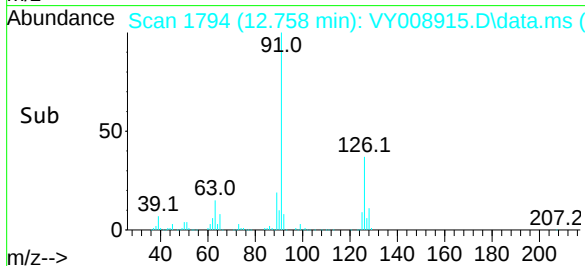
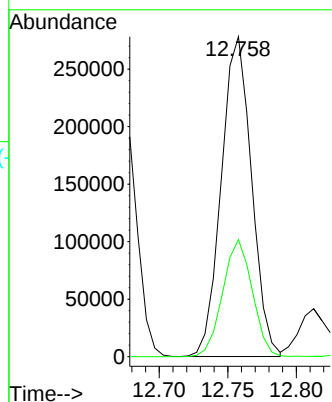
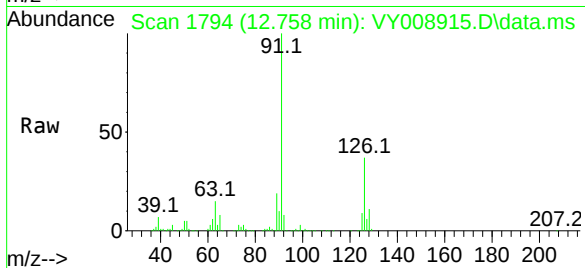
VSTDICCC050

Tgt Ion: 91 Resp: 426884

Ion Ratio Lower Upper

91 100

126 35.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 57.707 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008915.D

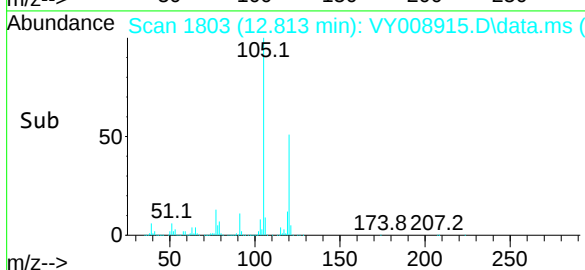
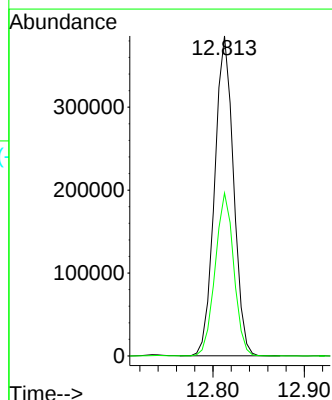
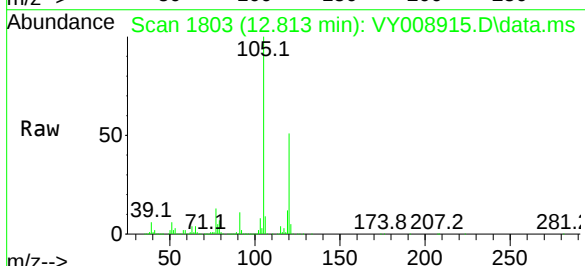
Acq: 20 May 2022 19:47

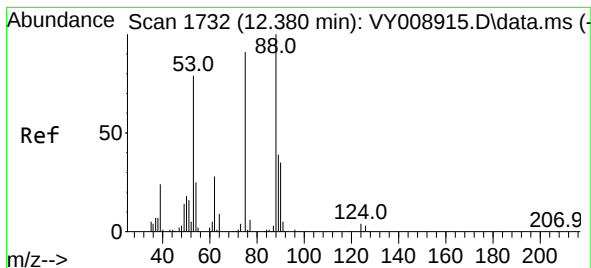
Tgt Ion: 105 Resp: 553811

Ion Ratio Lower Upper

105 100

120 50.2 24.4 73.4

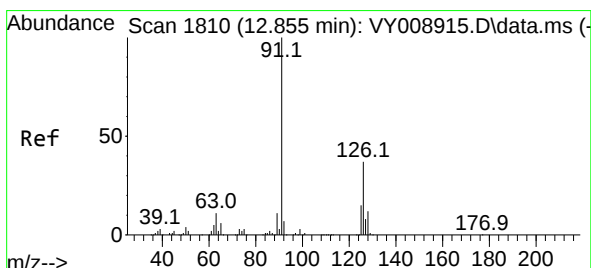
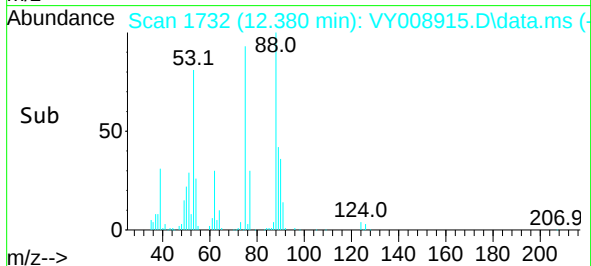
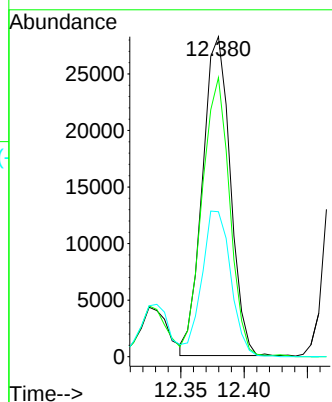
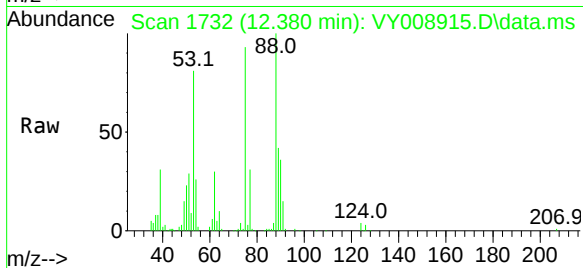




#81
trans-1,4-Dichloro-2-butene
Concen: 48.616 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

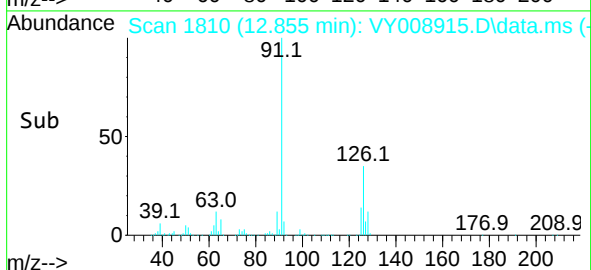
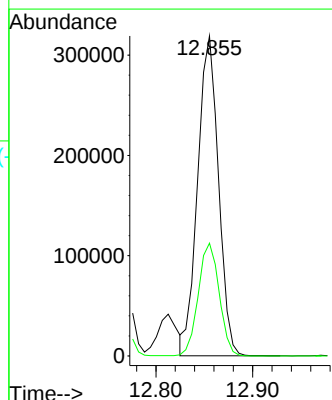
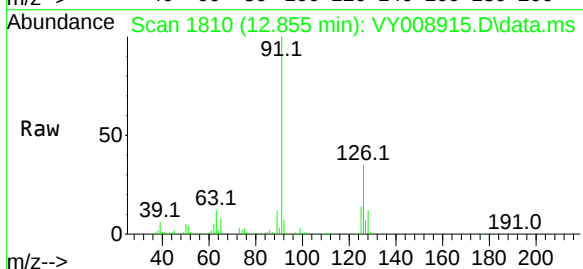
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

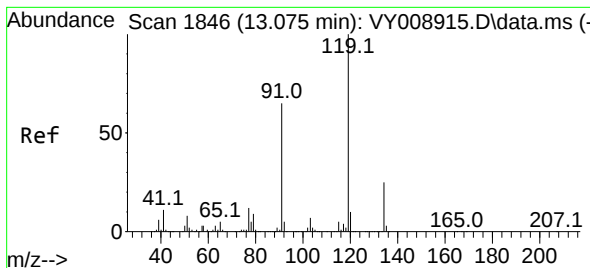
Tgt Ion: 75 Resp: 43204
Ion Ratio Lower Upper
75 100
53 87.1 85.3 127.9
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 57.177 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion: 91 Resp: 476972
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 56.520 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

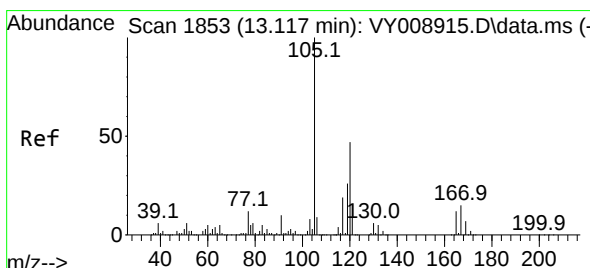
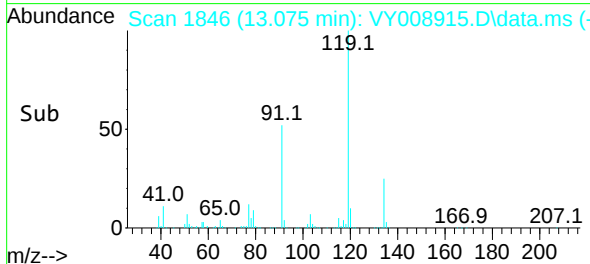
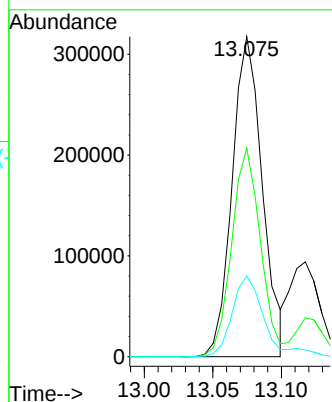
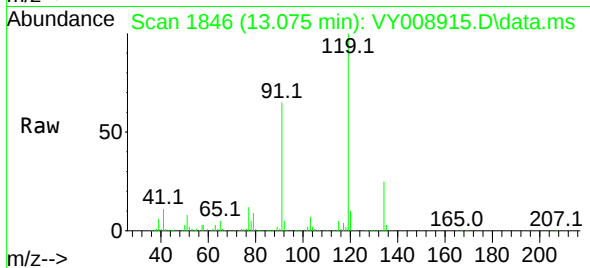
Tgt Ion:119 Resp: 485977

Ion Ratio Lower Upper

119 100

91 61.9 34.8 104.4

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 58.583 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY008915.D

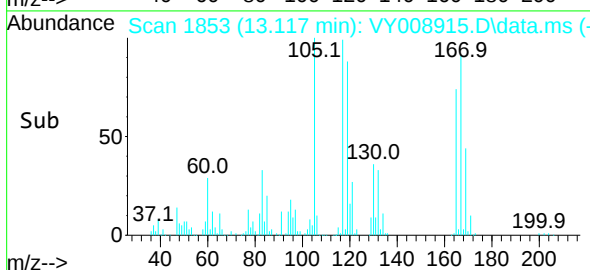
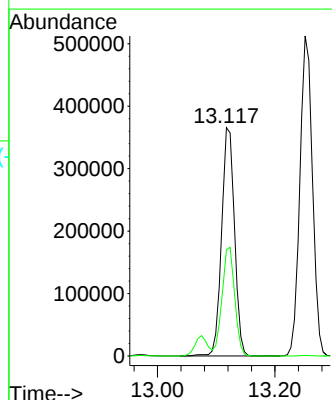
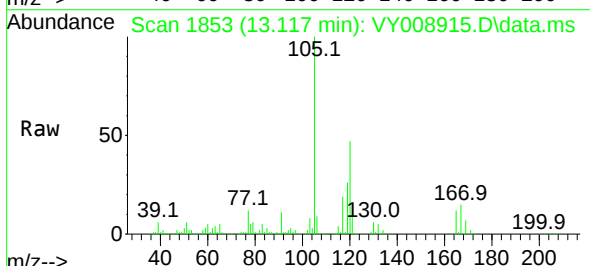
Acq: 20 May 2022 19:47

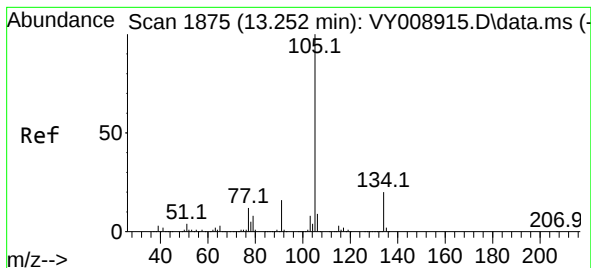
Tgt Ion:105 Resp: 557534

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 56.747 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

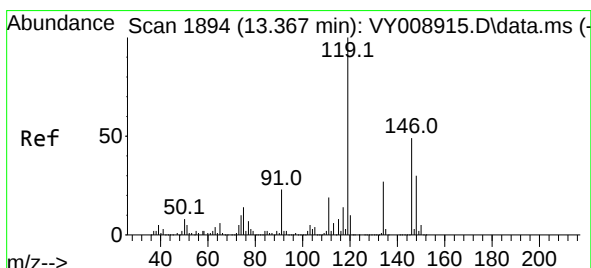
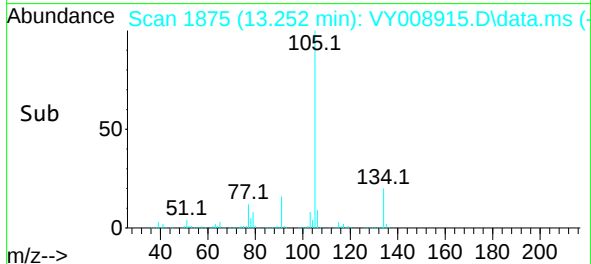
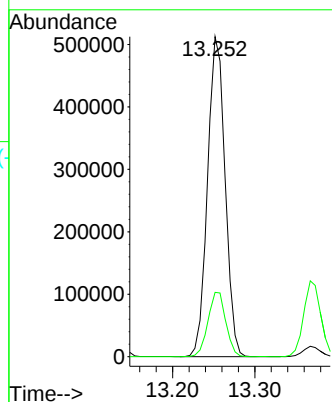
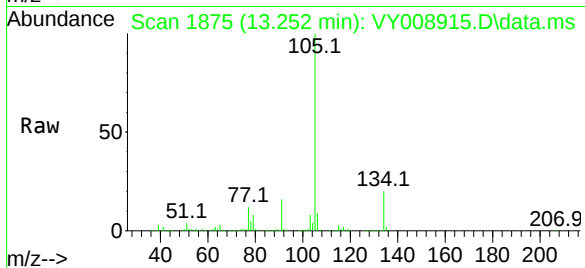
VSTDICCC050

Tgt Ion:105 Resp: 760431

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 58.668 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

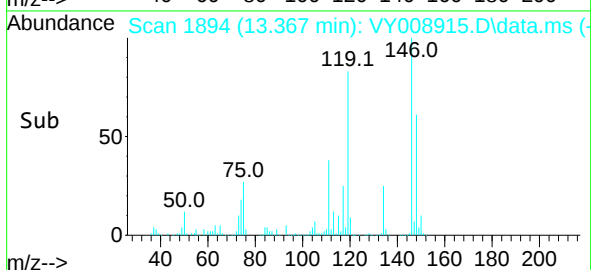
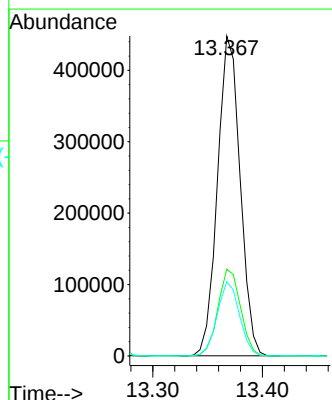
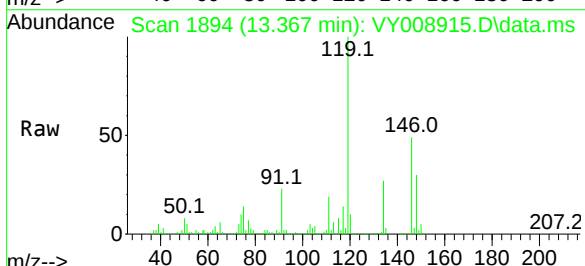
Tgt Ion:119 Resp: 642366

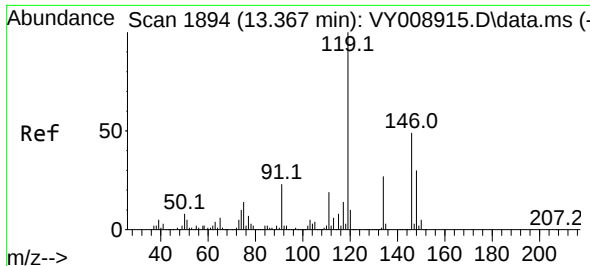
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 22.8 12.4 37.2

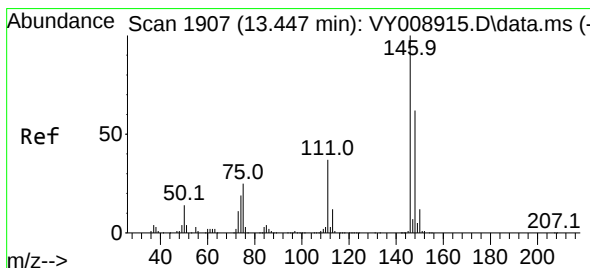
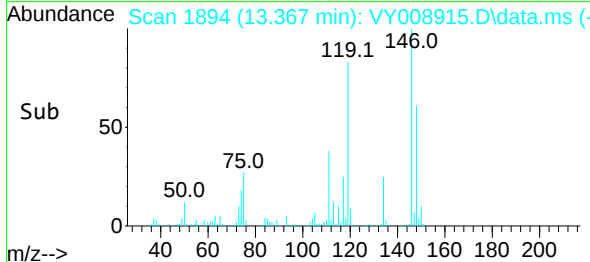
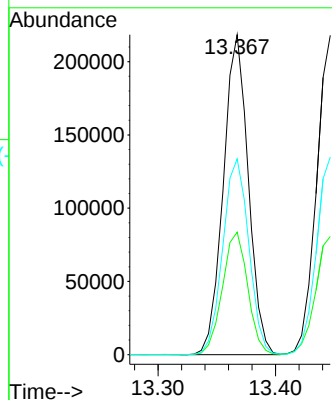
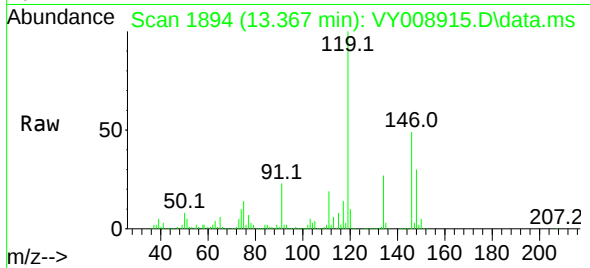




#87
1,3-Dichlorobenzene
Concen: 55.962 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

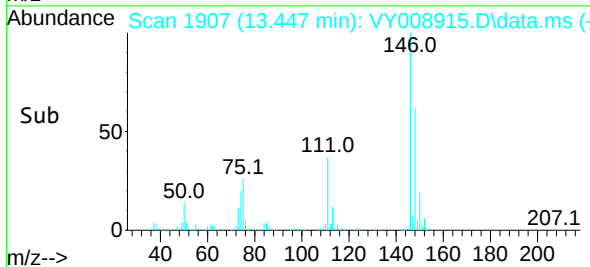
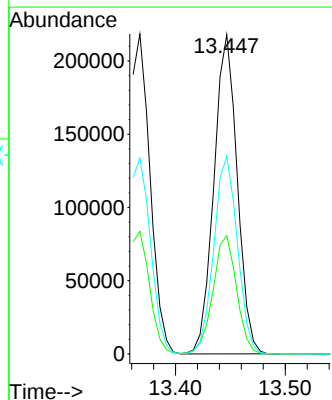
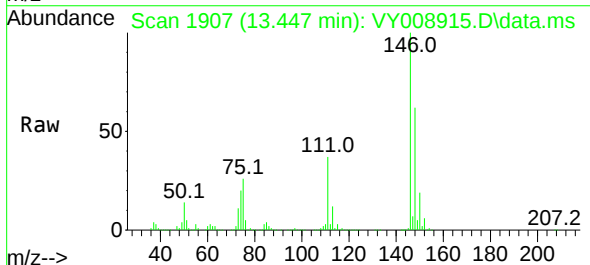
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

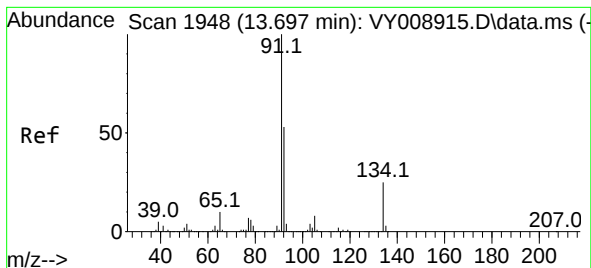
Tgt Ion:146 Resp: 322724
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 56.509 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:146 Resp: 322081
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 62.9 32.6 97.8





#89

n-Butylbenzene

Concen: 55.584 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

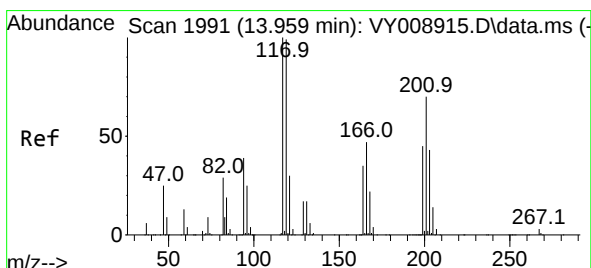
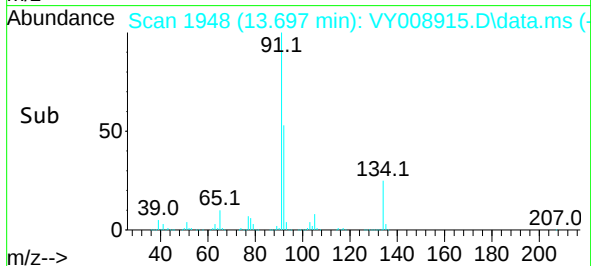
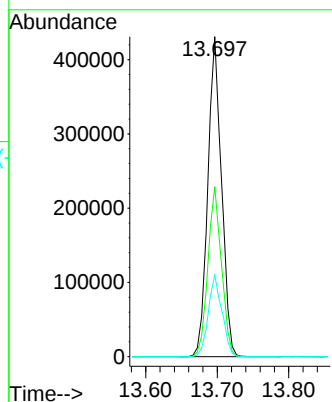
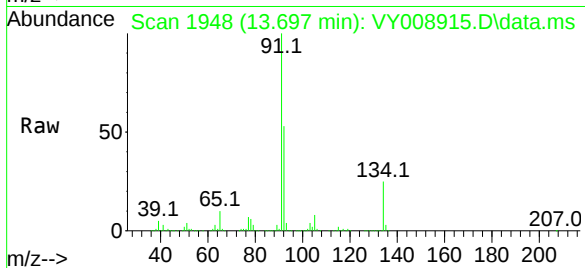
Tgt Ion: 91 Resp: 573352

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 54.797 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY008915.D

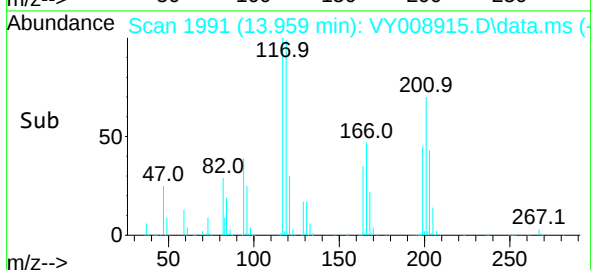
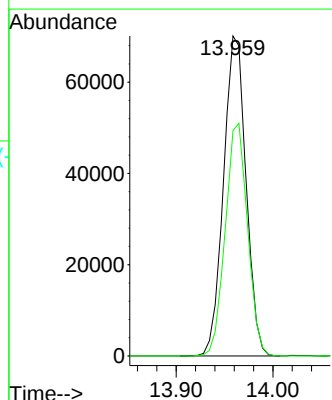
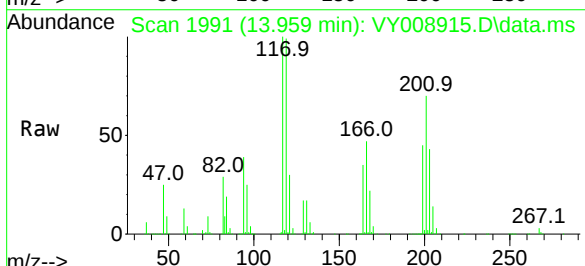
Acq: 20 May 2022 19:47

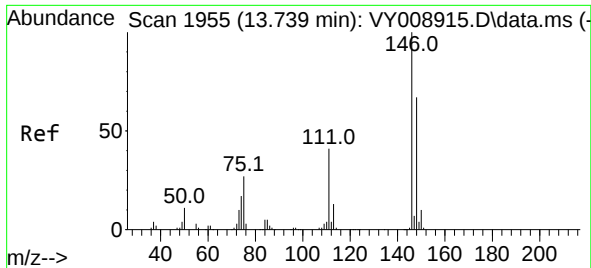
Tgt Ion: 117 Resp: 113213

Ion Ratio Lower Upper

117 100

201 71.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 55.638 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

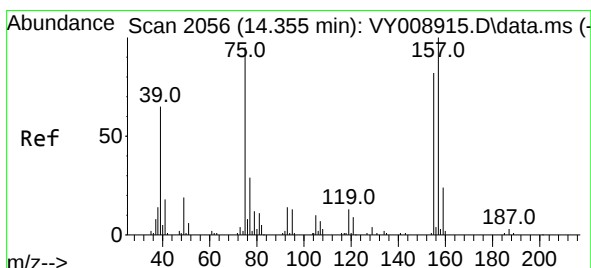
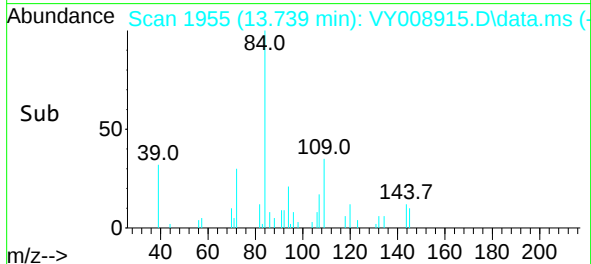
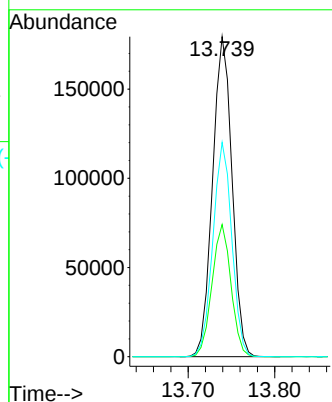
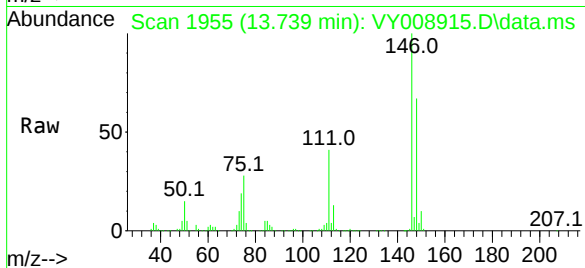
Tgt Ion:146 Resp: 279782

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

148 65.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.566 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

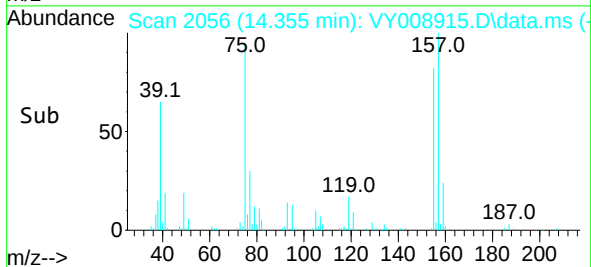
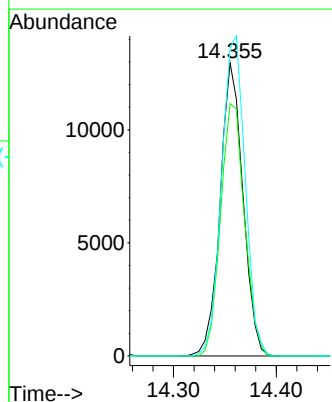
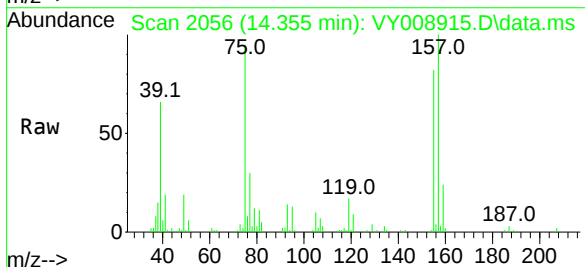
Tgt Ion: 75 Resp: 19918

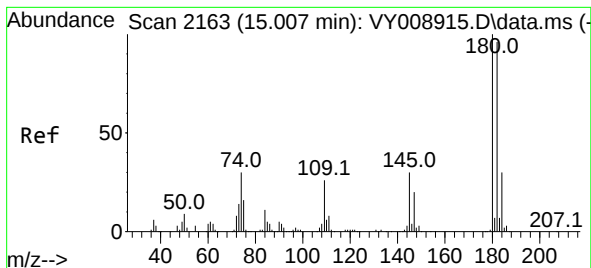
Ion Ratio Lower Upper

75 100

155 90.4 38.0 113.9

157 112.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 53.194 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

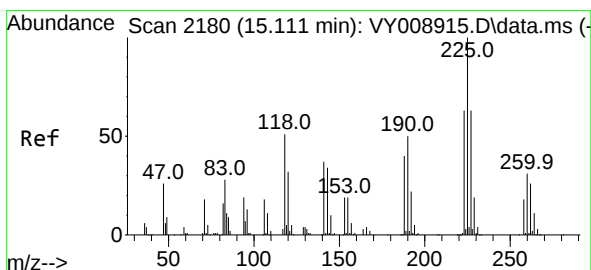
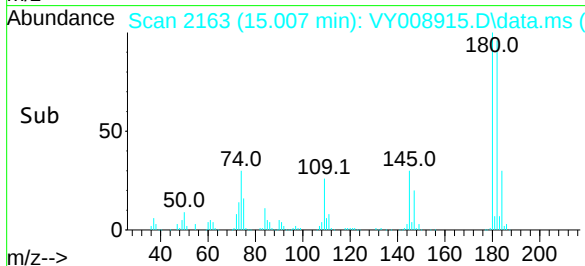
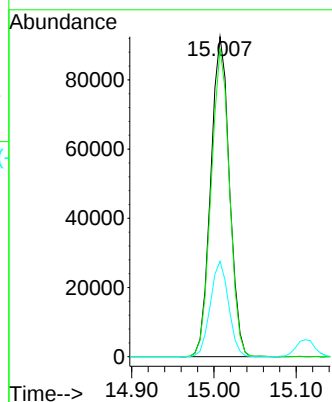
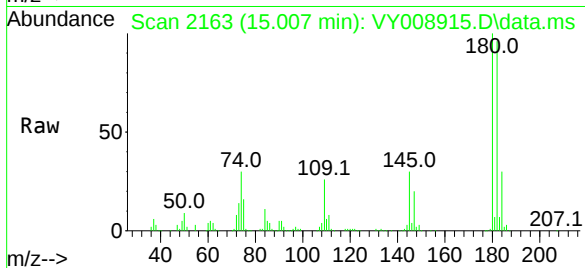
Tgt Ion:180 Resp: 145948

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.094 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

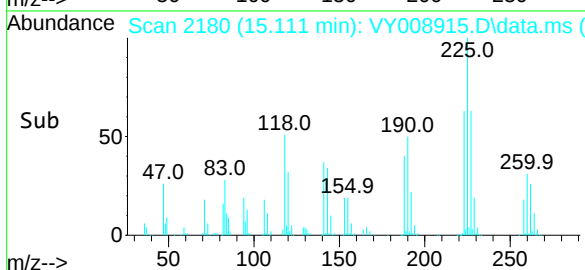
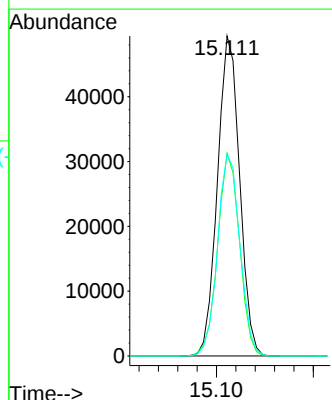
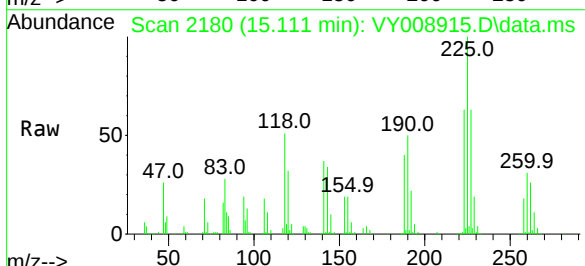
Tgt Ion:225 Resp: 78547

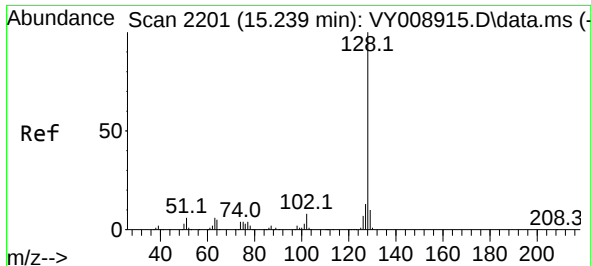
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 63.6 31.6 94.7

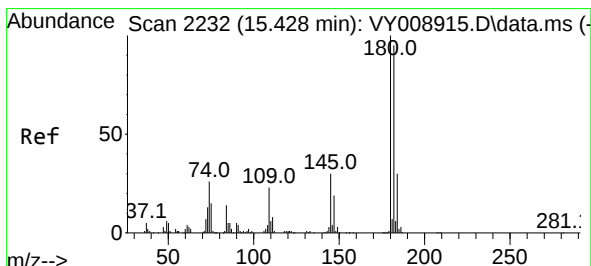
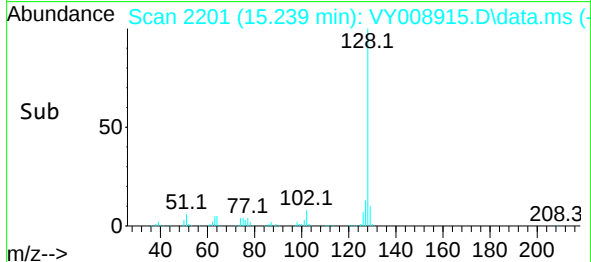
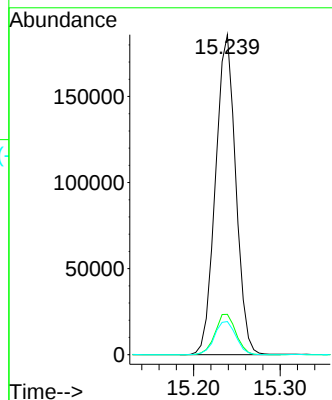
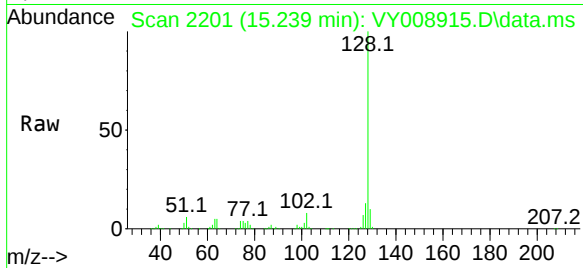




#95
Naphthalene
Concen: 50.058 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 302097
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.280 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:180 Resp: 125642
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 31.2 15.3 45.9

