

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008658.D
 Acq On : 09 May 2022 11:41
 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 09 12:43:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	260562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105936	38.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.620%
35) Dibromofluoromethane	7.716	113	118113	47.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.179	98	421311	44.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.160%
62) 4-Bromofluorobenzene	12.483	95	148888	42.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	54736	35.222	ug/l	96
3) Chloromethane	2.119	50	72904	23.094	ug/l	92
4) Vinyl Chloride	2.259	62	109490	37.872	ug/l	99
5) Bromomethane	2.662	94	79198	20.909	ug/l	92
6) Chloroethane	2.802	64	66636	21.220	ug/l	100
7) Trichlorofluoromethane	3.131	101	112691	28.062	ug/l	91
8) Diethyl Ether	3.521	74	72619	42.004	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	118644	43.543	ug/l	95
10) Methyl Iodide	4.088	142	199724	48.564	ug/l #	87
11) Tert butyl alcohol	4.942	59	45364	168.548	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	125411	46.855	ug/l #	74
13) Acrolein	3.722	56	49702	296.930	ug/l	97
14) Allyl chloride	4.472	41	155865	40.757	ug/l #	85
15) Acrylonitrile	5.155	53	163013	194.962	ug/l	97
16) Acetone	3.942	43	119257	188.314	ug/l #	83
17) Carbon Disulfide	4.192	76	335467	47.887	ug/l	98
18) Methyl Acetate	4.466	43	69018	30.435	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	223956	39.634	ug/l	95
20) Methylene Chloride	4.710	84	142077	38.925	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	139143	42.312	ug/l #	80
22) Diisopropyl ether	6.112	45	354515	40.749	ug/l #	89
23) Vinyl Acetate	6.051	43	1158552	200.259	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	224166	40.541	ug/l	96
25) 2-Butanone	6.978	43	194429	185.007	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	149001	40.541	ug/l	88
27) cis-1,2-Dichloroethene	6.984	96	159251	42.313	ug/l	78
28) Bromochloromethane	7.332	49	80564	37.193	ug/l #	64
29) Tetrahydrofuran	7.344	42	125038	179.793	ug/l #	76
30) Chloroform	7.502	83	236761	40.925	ug/l	100
31) Cyclohexane	7.783	56	195285	39.875	ug/l	86
32) 1,1,1-Trichloroethane	7.697	97	192735	40.393	ug/l	93
36) 1,1-Dichloropropene	7.917	75	185097	46.588	ug/l	95
37) Ethyl Acetate	7.069	43	87090	40.692	ug/l #	90
38) Carbon Tetrachloride	7.899	117	187450	47.240	ug/l	99
39) Methylcyclohexane	9.179	83	239842	45.329	ug/l #	84
40) Benzene	8.155	78	540693	46.651	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	113910	105.386	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	140539	41.828	ug/l	87
43) Isopropyl Acetate	8.270	43	163813	41.558	ug/l #	83
44) Trichloroethene	8.941	130	159371	47.178	ug/l	93
45) 1,2-Dichloropropane	9.215	63	132759	45.841	ug/l	98
46) Dibromomethane	9.307	93	82223	41.624	ug/l	96
47) Bromodichloromethane	9.496	83	185773	43.814	ug/l	100
48) Methyl methacrylate	9.289	41	70443	39.303	ug/l #	71
49) 1,4-Dioxane	9.295	88	19599	902.124	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	424584	196.032	ug/l #	82
52) Toluene	10.246	92	351330	43.770	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	198739	40.484	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	229915	45.258	ug/l #	78
55) 1,1,2-Trichloroethane	10.648	97	116743	40.863	ug/l	98
56) Ethyl methacrylate	10.508	69	152424	41.609	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	192230	41.878	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	378346	222.458	ug/l	90
59) 2-Hexanone	10.831	43	295742	191.798	ug/l	78
60) Dibromochloromethane	10.983	129	143769	43.434	ug/l	99
61) 1,2-Dibromoethane	11.087	107	115952	42.791	ug/l	100
64) Tetrachloroethene	10.721	164	131790	46.283	ug/l	98
65) Chlorobenzene	11.520	112	389729	46.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	144049	47.044	ug/l	97
67) Ethyl Benzene	11.593	91	672208	45.847	ug/l	96
68) m/p-Xylenes	11.703	106	536262	83.253	ug/l	90
69) o-Xylene	12.032	106	257735	40.660	ug/l	89
70) Styrene	12.044	104	432461	40.101	ug/l	93
71) Bromoform	12.209	173	93577	41.535	ug/l #	99
73) Isopropylbenzene	12.331	105	663666	42.211	ug/l	98
74) N-amyl acetate	12.142	43	147246	37.360	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	135060	41.816	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	167249	79.202	ug/l #	100
77) Bromobenzene	12.611	156	163830	46.686	ug/l	89
78) n-propylbenzene	12.672	91	796511	47.128	ug/l	97
79) 2-Chlorotoluene	12.757	91	436060	48.056	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	541600	48.500	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	48997	43.128	ug/l #	77
82) 4-Chlorotoluene	12.855	91	452861	47.740	ug/l	94
83) tert-Butylbenzene	13.074	119	501165	48.887	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	536435	47.357	ug/l	95
85) sec-Butylbenzene	13.257	105	720571	47.106	ug/l	98
86) p-Isopropyltoluene	13.373	119	604836	47.184	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	321077	47.383	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	314992	46.614	ug/l	98
89) n-Butylbenzene	13.696	91	551031	46.340	ug/l	97
90) Hexachloroethane	13.964	117	115981	46.158	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	282247	47.211	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18911	38.047	ug/l	63
93) 1,2,4-Trichlorobenzene	15.013	180	182448	47.149	ug/l	99
94) Hexachlorobutadiene	15.117	225	100548	49.285	ug/l	99
95) Naphthalene	15.239	128	367921	44.376	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	159156	46.464	ug/l	98

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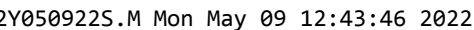
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

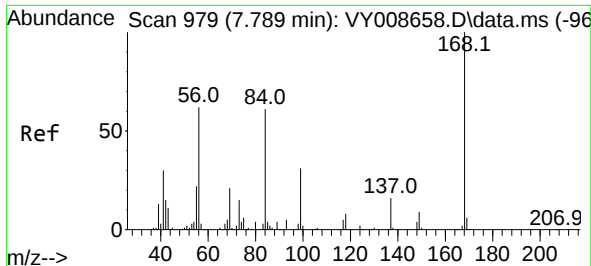
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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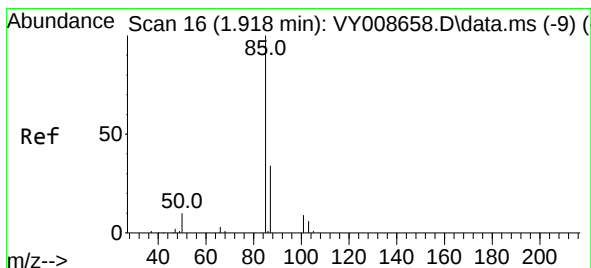
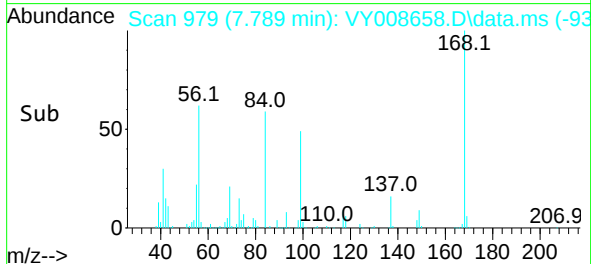
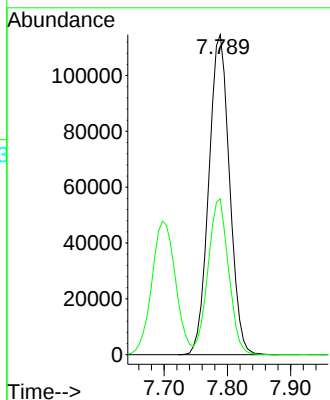
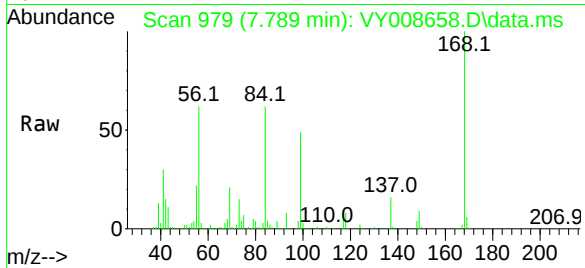




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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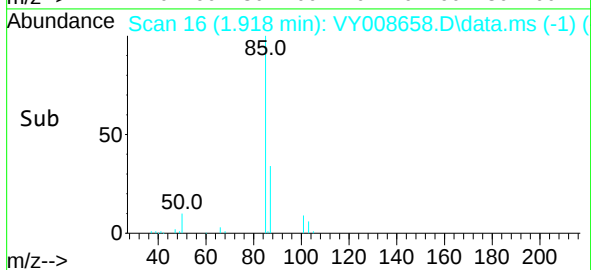
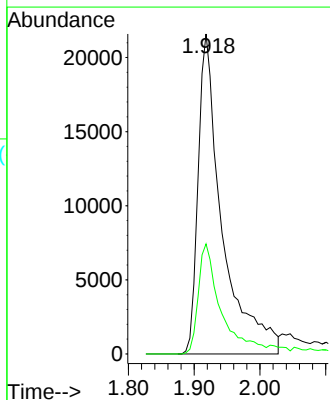
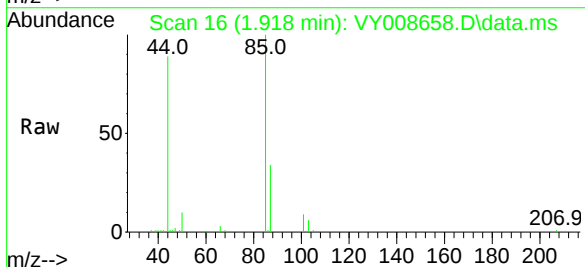
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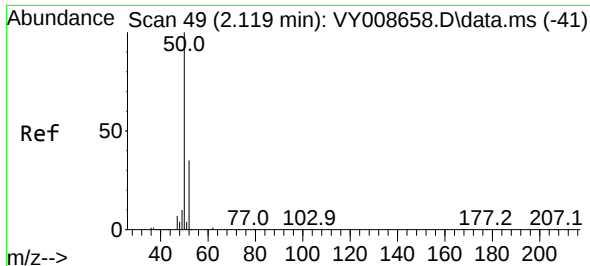
Tgt Ion:168 Resp: 260562
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 35.222 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 85 Resp: 54736
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2

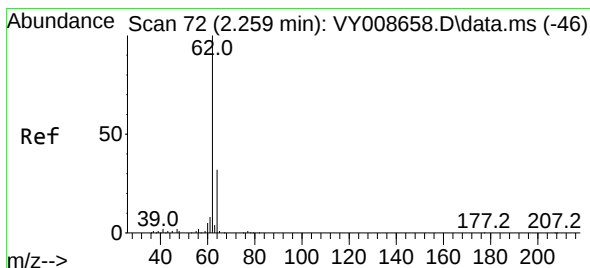
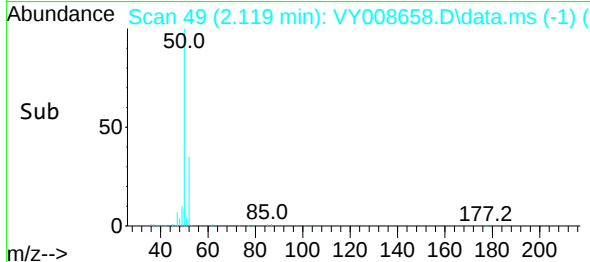
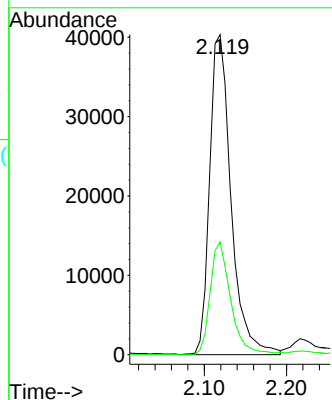
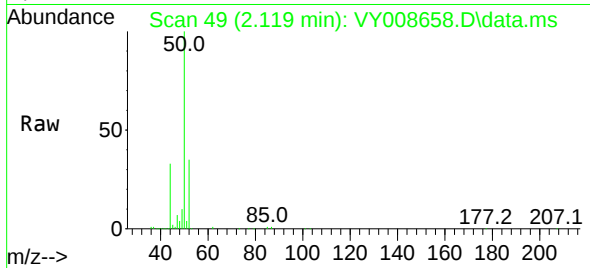




#3
Chloromethane
Concen: 23.094 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

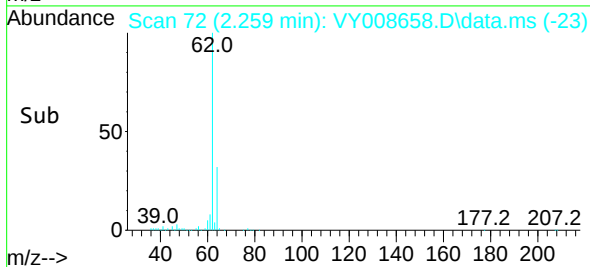
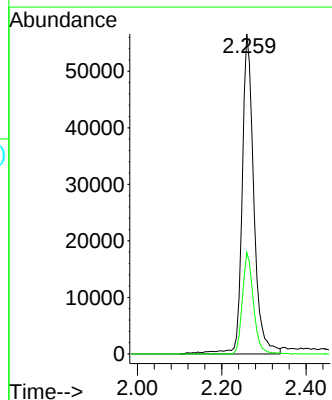
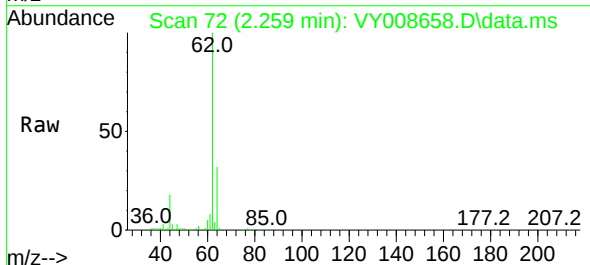
Instrument :
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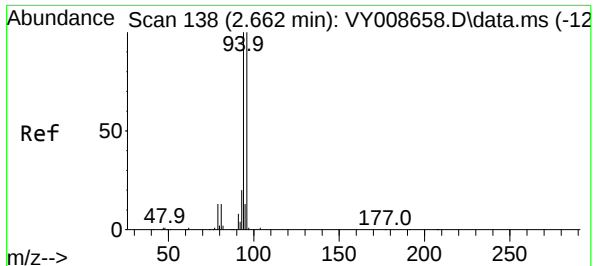
Tgt Ion: 50 Resp: 72904
Ion Ratio Lower Upper
50 100
52 35.3 24.6 37.0



#4
Vinyl Chloride
Concen: 37.872 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 62 Resp: 109490
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

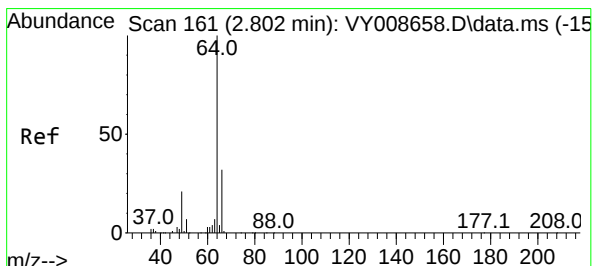
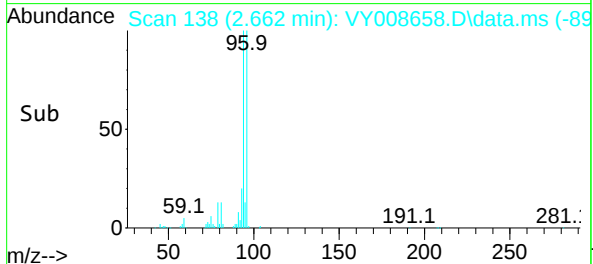
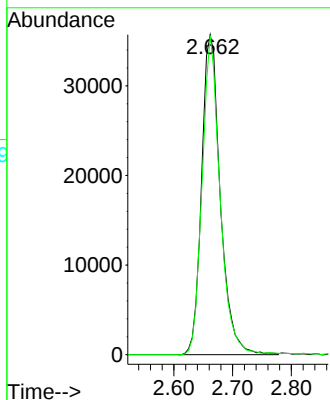
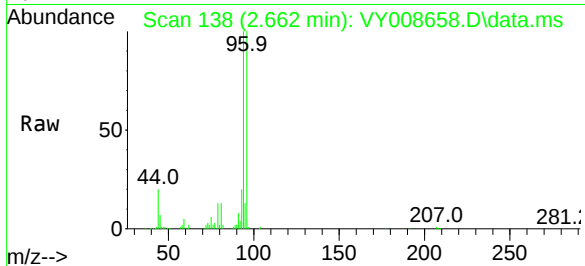




#5
Bromomethane
Concen: 20.909 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY008658.D
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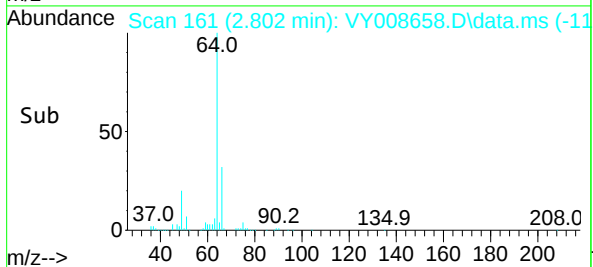
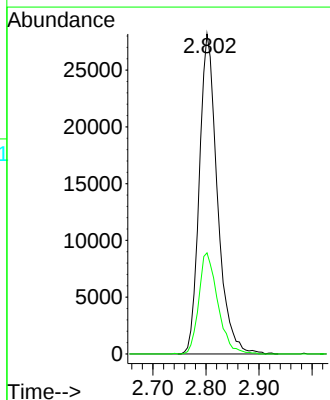
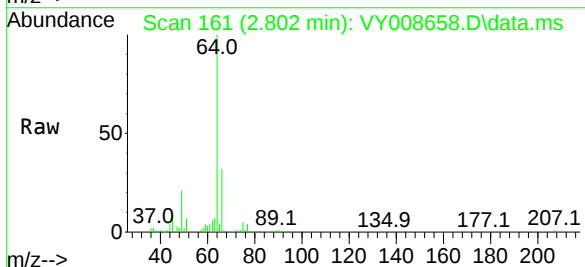
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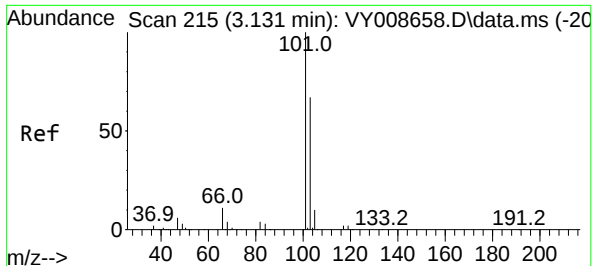
Tgt Ion: 94 Resp: 79198
Ion Ratio Lower Upper
94 100
96 99.8 73.5 110.3



#6
Chloroethane
Concen: 21.220 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 64 Resp: 66636
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

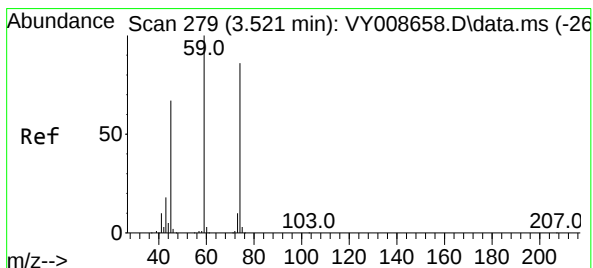
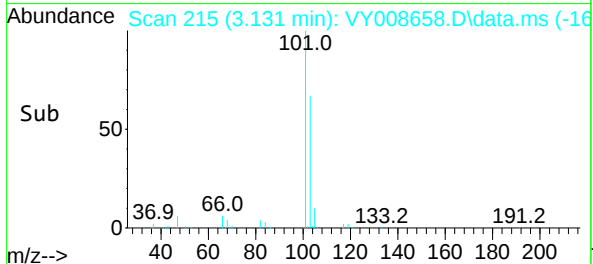
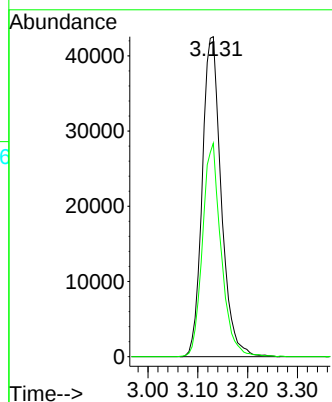
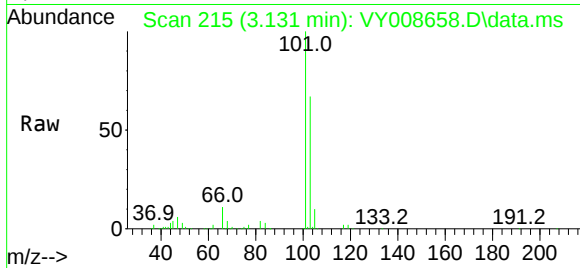




#7
 Trichlorofluoromethane
 Concen: 28.062 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

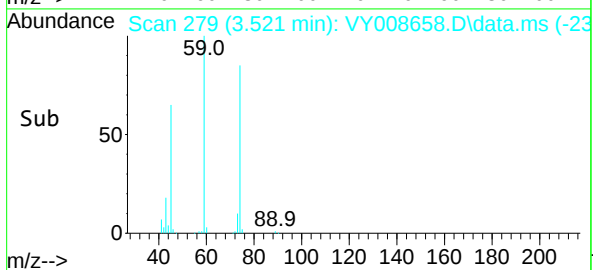
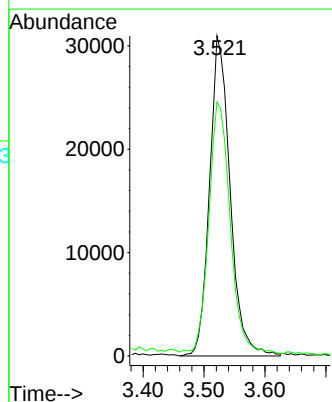
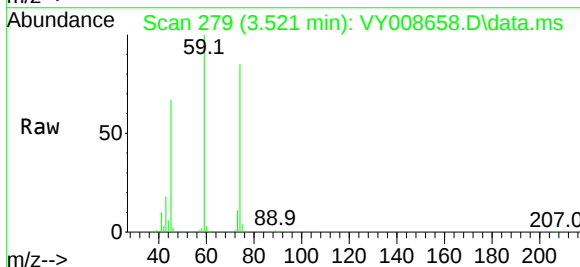
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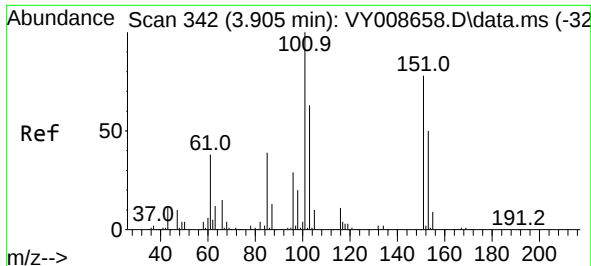
Tgt Ion:101 Resp: 112691
 Ion Ratio Lower Upper
 101 100
 103 66.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 42.004 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

Tgt Ion: 74 Resp: 72619
 Ion Ratio Lower Upper
 74 100
 45 81.7 55.1 165.5

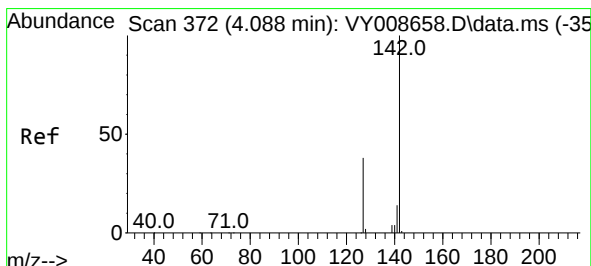
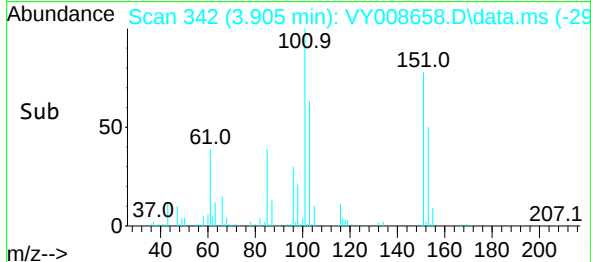
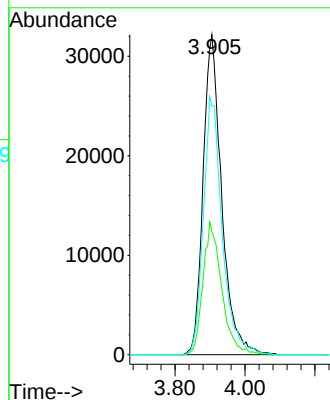
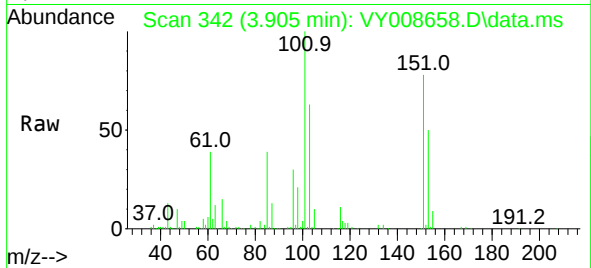




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.543 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

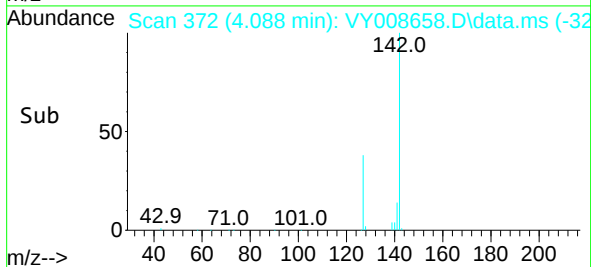
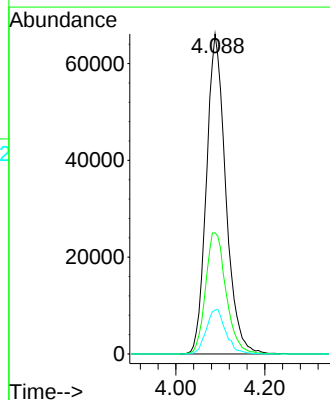
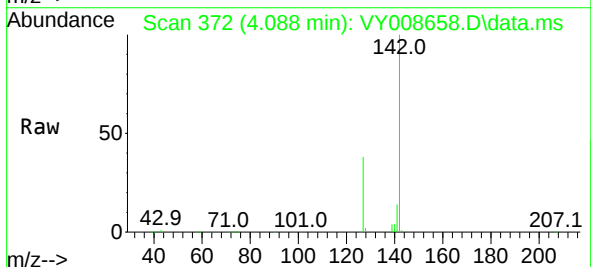
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

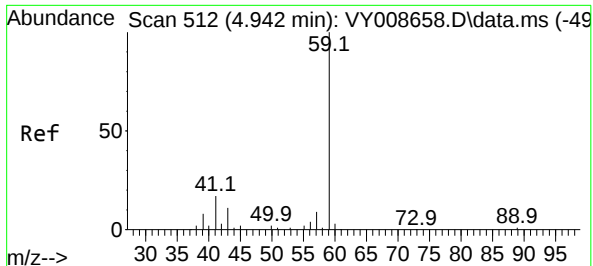
Tgt Ion:101 Resp: 118644
Ion Ratio Lower Upper
101 100
85 41.8 40.6 60.8
151 81.4 64.9 97.3



#10
Methyl Iodide
Concen: 48.564 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion:142 Resp: 199724
Ion Ratio Lower Upper
142 100
127 40.3 41.5 62.3#
141 14.0 11.9 17.9

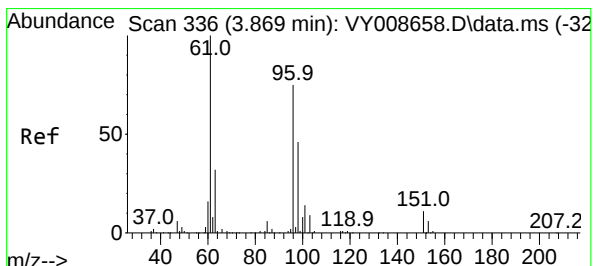
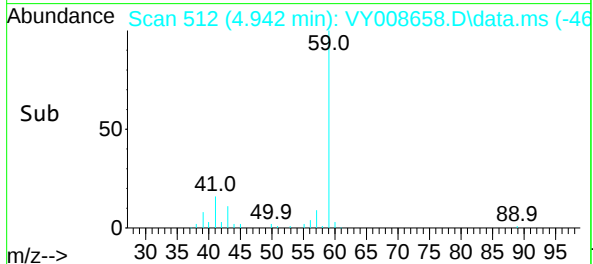
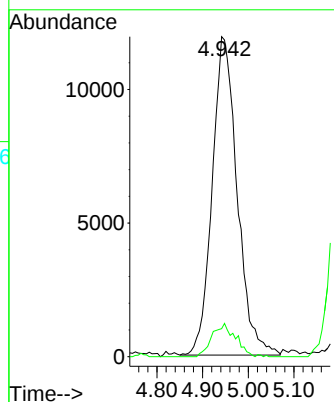
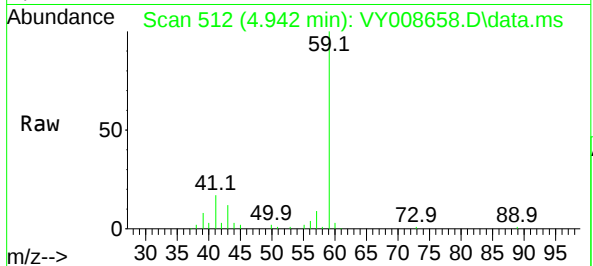




#11
Tert butyl alcohol
Concen: 168.548 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

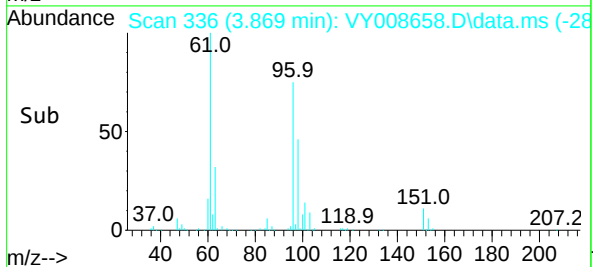
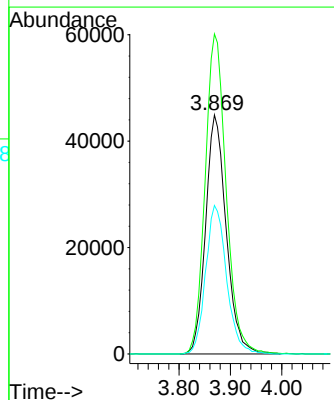
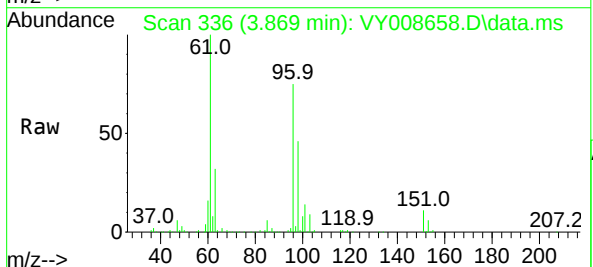
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

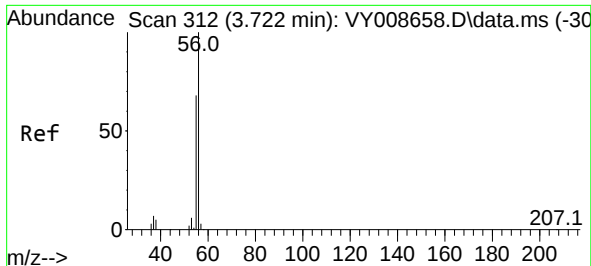
Tgt Ion: 59 Resp: 45364
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 46.855 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 96 Resp: 125411
Ion Ratio Lower Upper
96 100
61 133.9 145.8 218.6#
98 62.1 52.5 78.7

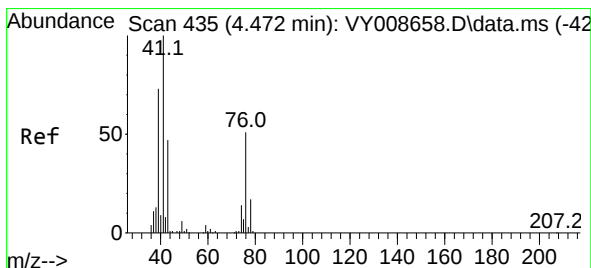
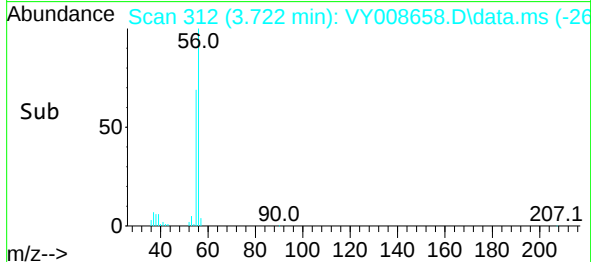
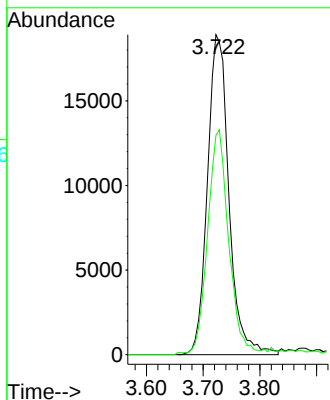
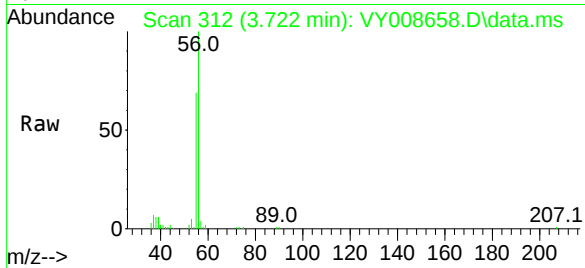




#13
Acrolein
Concen: 296.930 ug/l
RT: 3.722 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

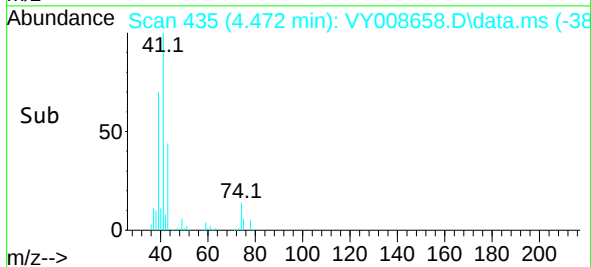
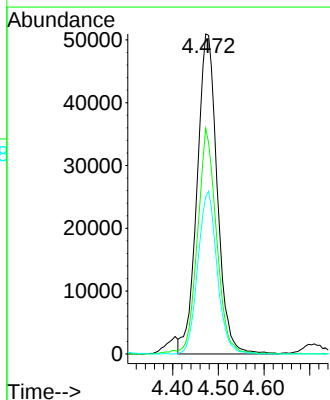
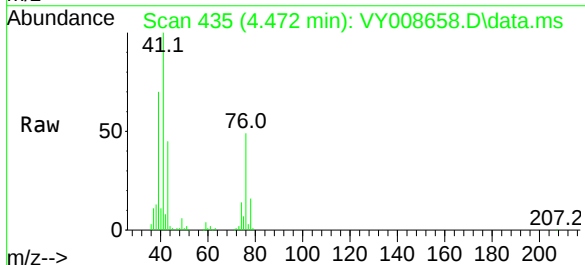
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

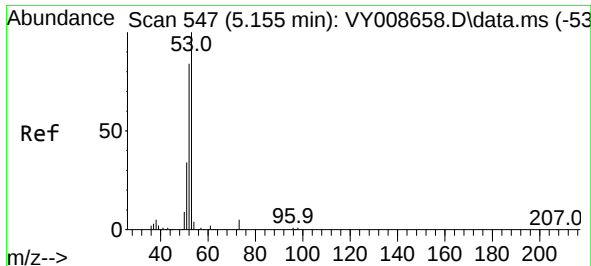
Tgt Ion: 56 Resp: 49702
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4



#14
Allyl chloride
Concen: 40.757 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 41 Resp: 155865
Ion Ratio Lower Upper
41 100
39 66.4 58.8 88.2
76 48.6 25.1 37.7#

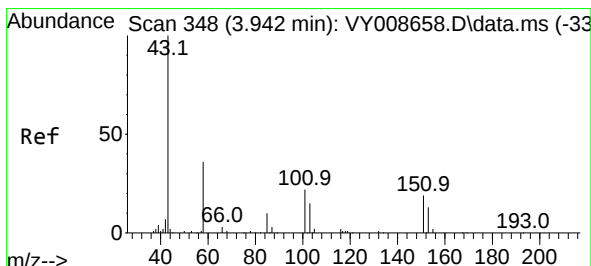
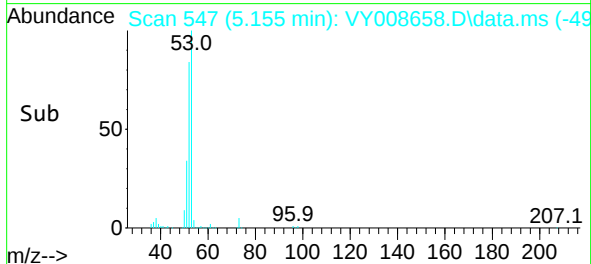
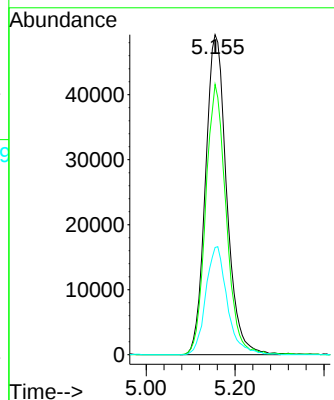
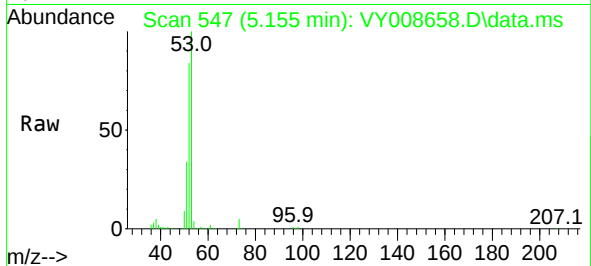




#15
Acrylonitrile
Concen: 194.962 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

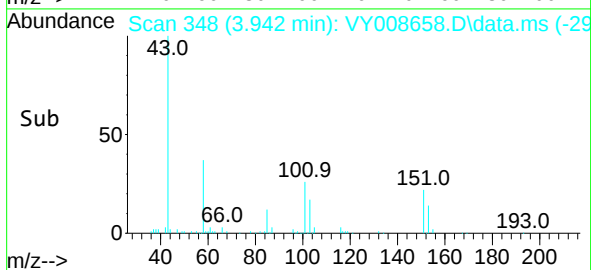
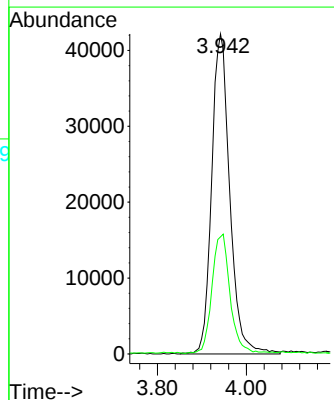
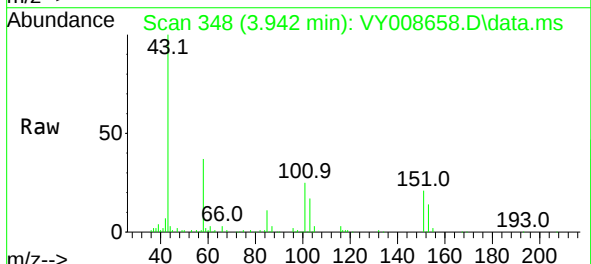
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

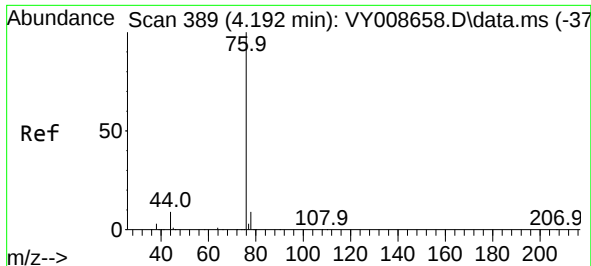
Tgt Ion: 53 Resp: 163013
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 34.4 29.8 44.6



#16
Acetone
Concen: 188.314 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 43 Resp: 119257
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#

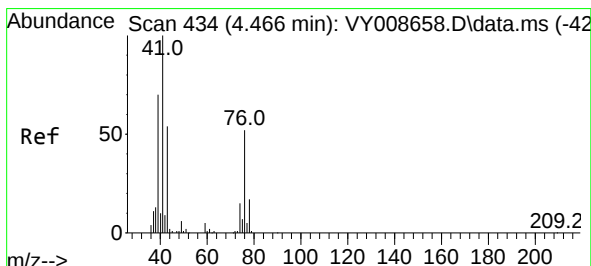
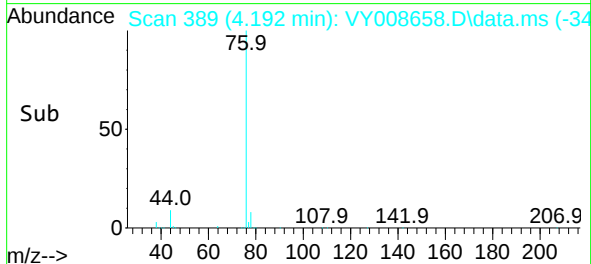
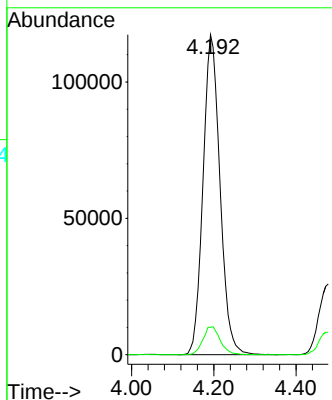
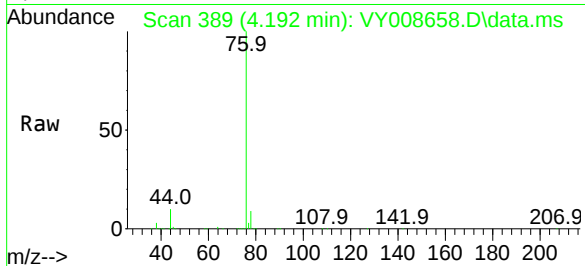




#17
Carbon Disulfide
Concen: 47.887 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

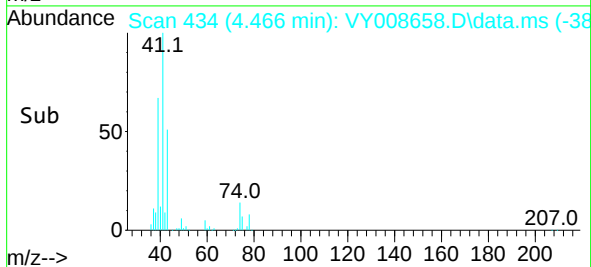
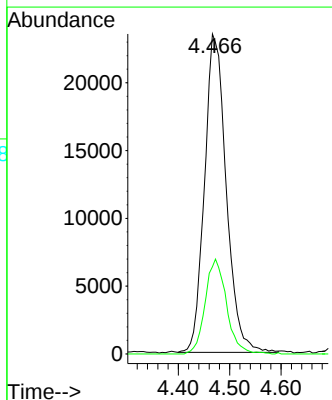
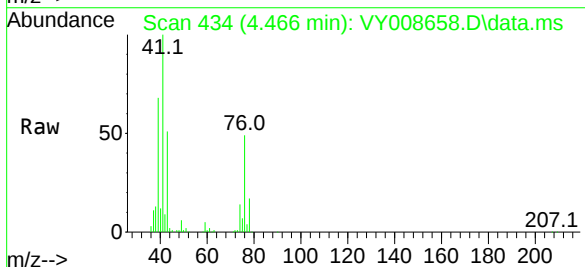
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

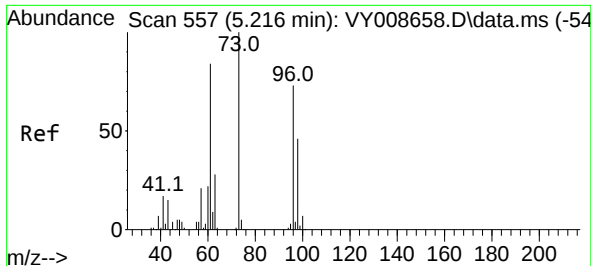
Tgt Ion: 76 Resp: 335467
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 30.435 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 43 Resp: 69018
Ion Ratio Lower Upper
43 100
74 29.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 39.634 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

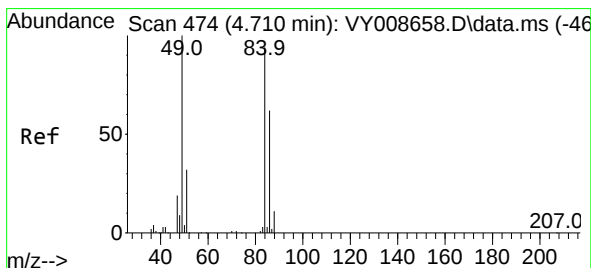
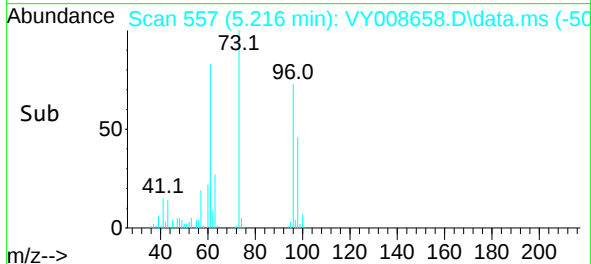
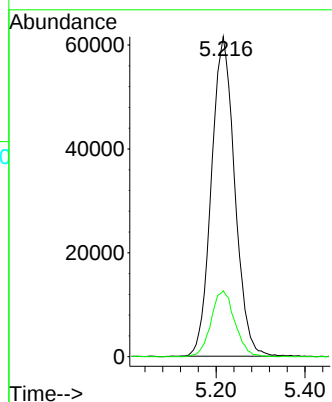
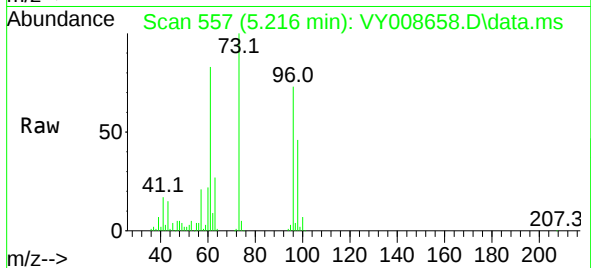
VSTDICCC050

Tgt Ion: 73 Resp: 223956

Ion Ratio Lower Upper

73 100

57 20.6 18.6 27.8



#20

Methylene Chloride

Concen: 38.925 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Tgt Ion: 84 Resp: 142077

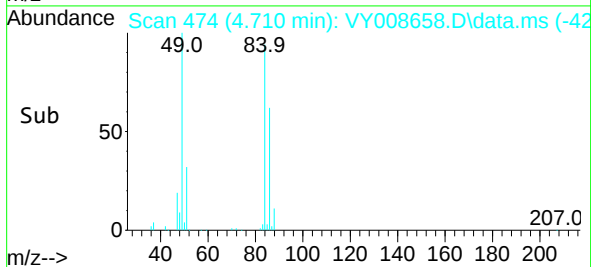
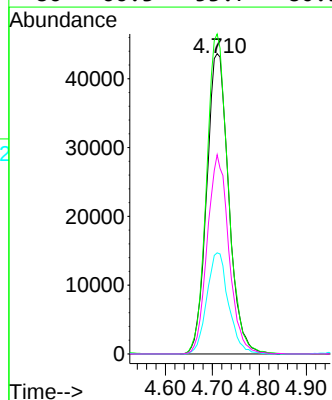
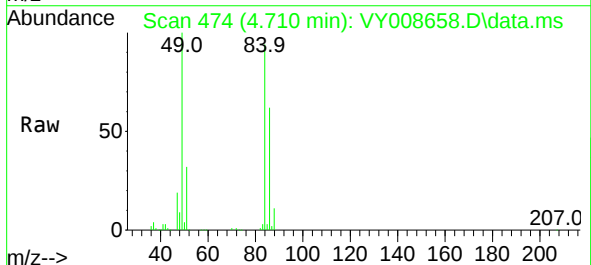
Ion Ratio Lower Upper

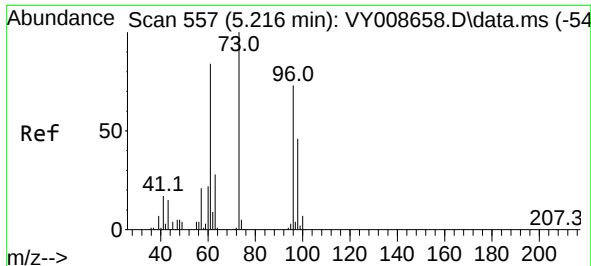
84 100

49 106.5 114.4 171.6#

51 33.7 35.3 52.9#

86 66.3 53.7 80.5

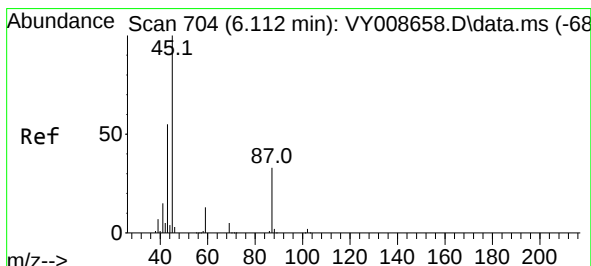
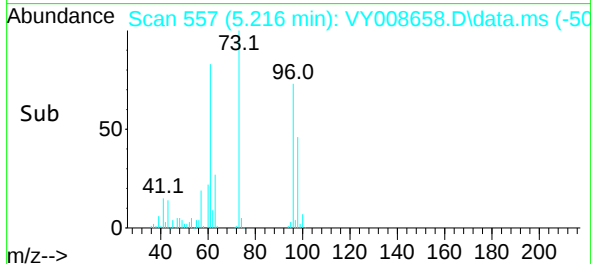
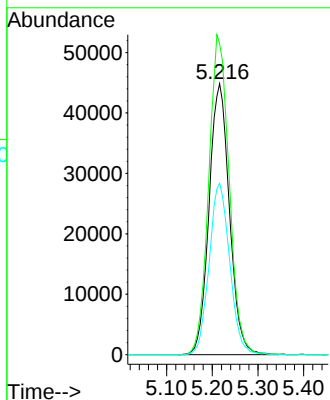
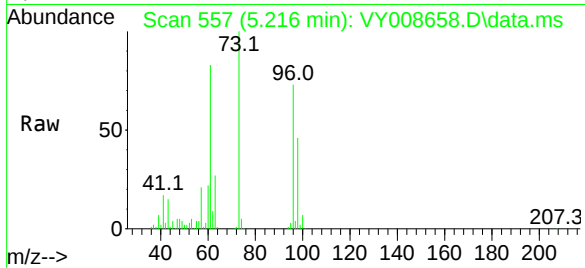




#21
trans-1,2-Dichloroethene
Concen: 42.312 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

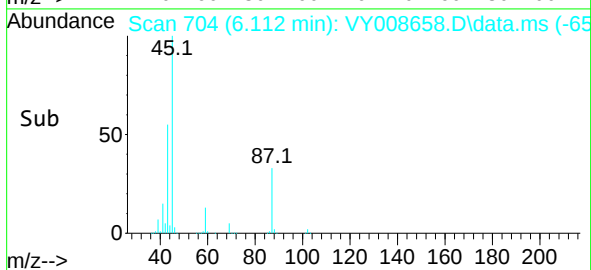
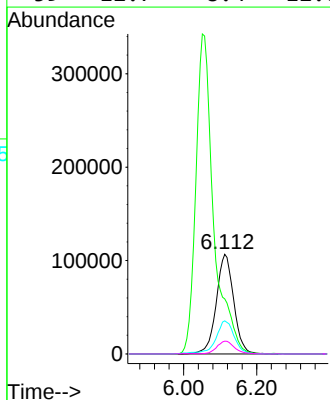
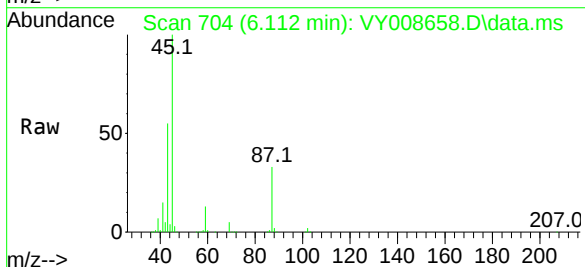
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

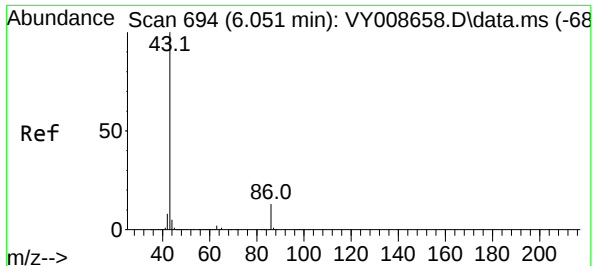
Tgt Ion: 96 Resp: 139143
Ion Ratio Lower Upper
96 100
61 114.6 120.5 180.7#
98 63.2 49.8 74.8



#22
Diisopropyl ether
Concen: 40.749 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 45 Resp: 354515
Ion Ratio Lower Upper
45 100
43 55.1 49.3 73.9
87 33.1 19.2 28.8#
59 12.7 8.4 12.6#

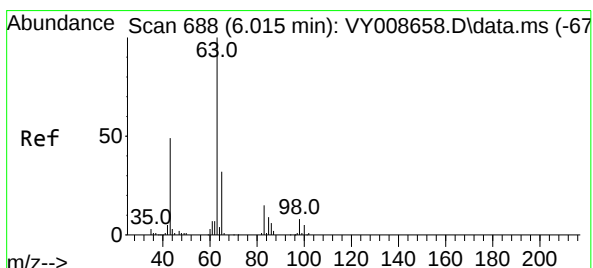
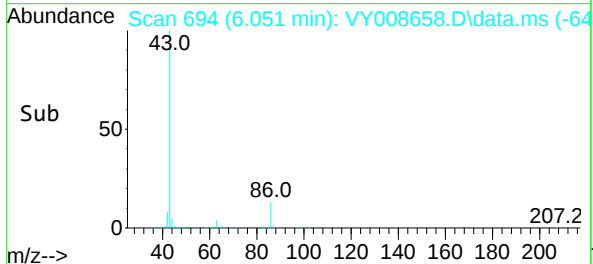
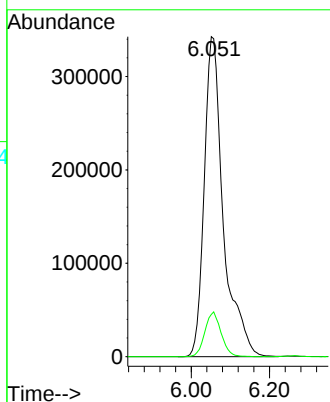
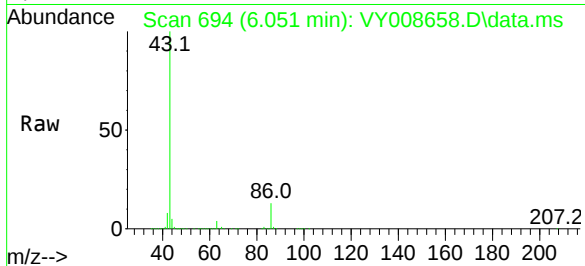




#23
 Vinyl Acetate
 Concen: 200.259 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

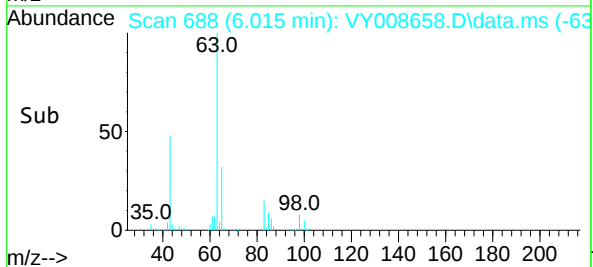
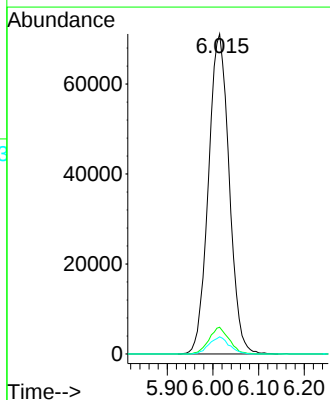
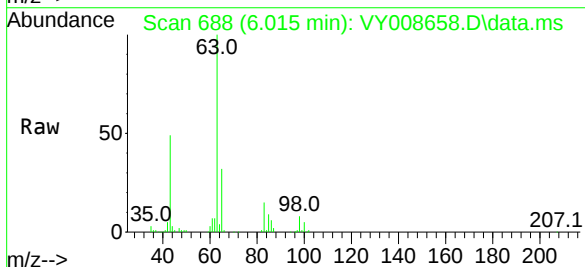
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

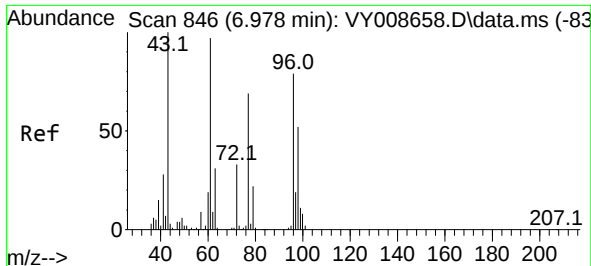
Tgt Ion: 43 Resp: 1158552
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 40.541 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

Tgt Ion: 63 Resp: 224166
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.3 2.0 5.8





#25

2-Butanone

Concen: 185.007 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

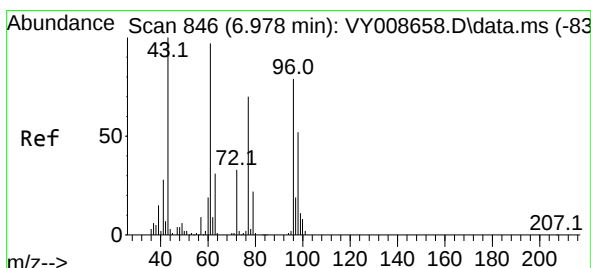
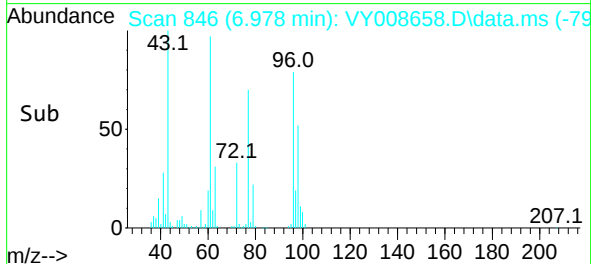
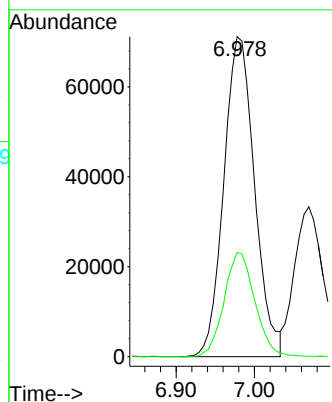
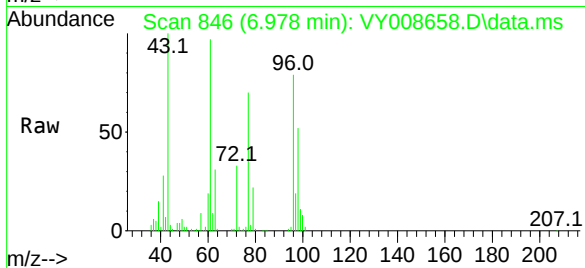
VSTDICCC050

Tgt Ion: 43 Resp: 194429

Ion Ratio Lower Upper

43 100

72 32.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 40.541 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008658.D

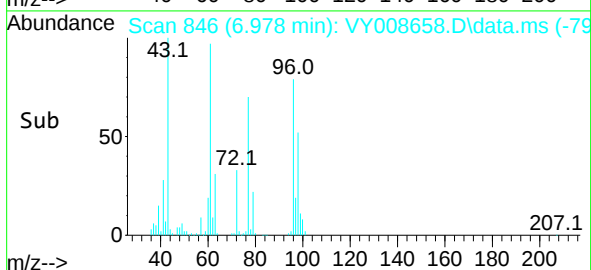
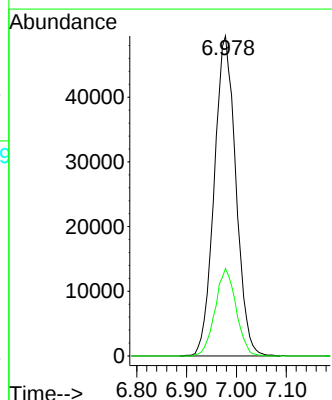
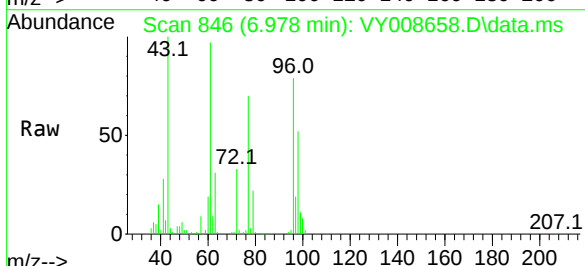
Acq: 09 May 2022 11:41

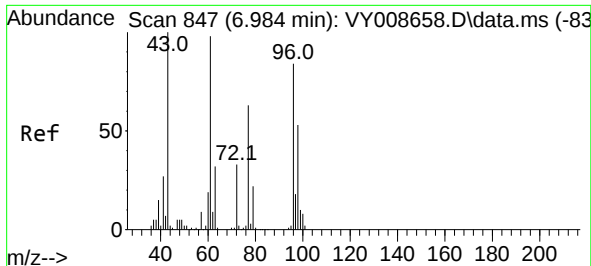
Tgt Ion: 77 Resp: 149001

Ion Ratio Lower Upper

77 100

97 26.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 42.313 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

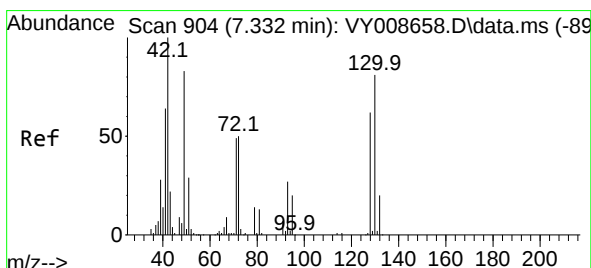
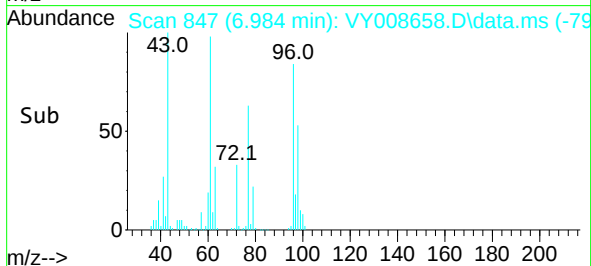
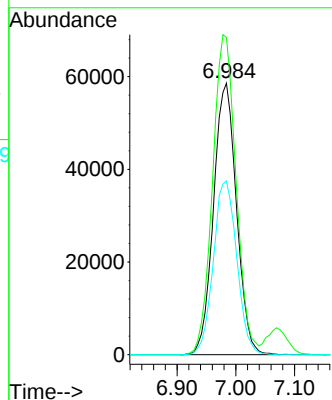
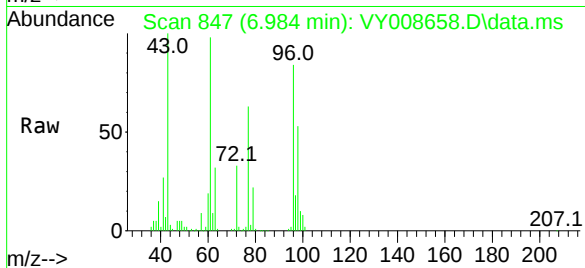
Tgt Ion: 96 Resp: 159251

Ion Ratio Lower Upper

96 100

61 120.3 0.0 319.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 37.193 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

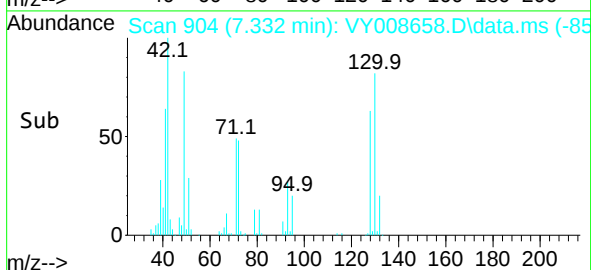
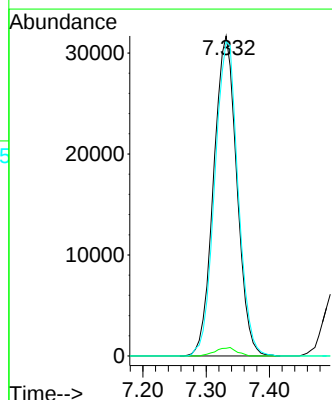
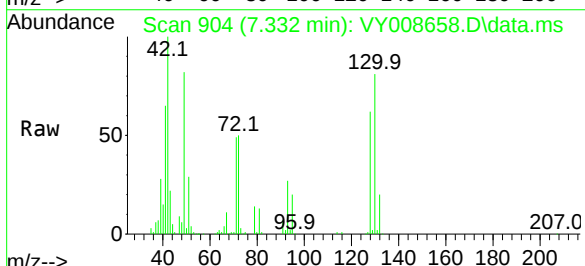
Tgt Ion: 49 Resp: 80564

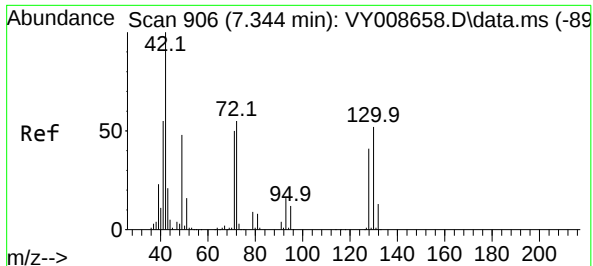
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 98.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 179.793 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

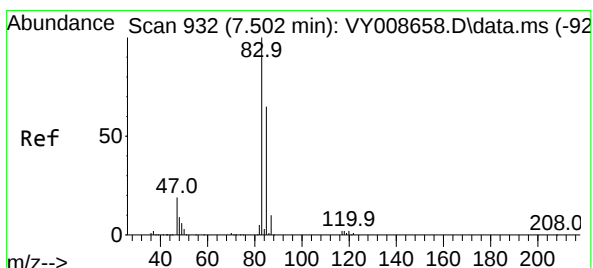
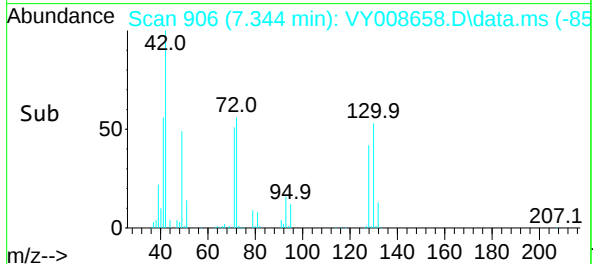
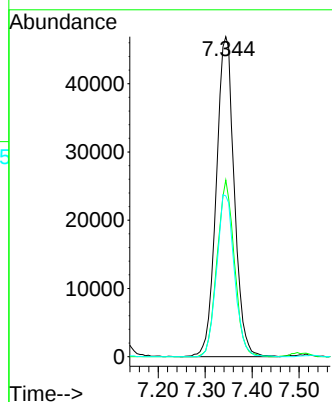
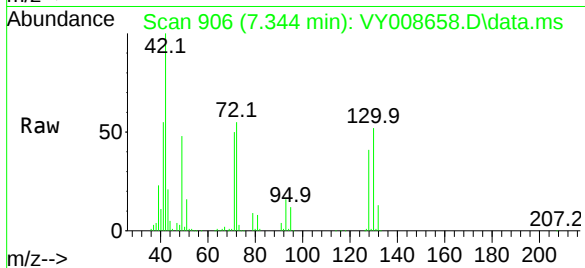
Tgt Ion: 42 Resp: 125038

Ion Ratio Lower Upper

42 100

72 52.9 30.3 45.5#

71 49.9 29.0 43.4#



#30

Chloroform

Concen: 40.925 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008658.D

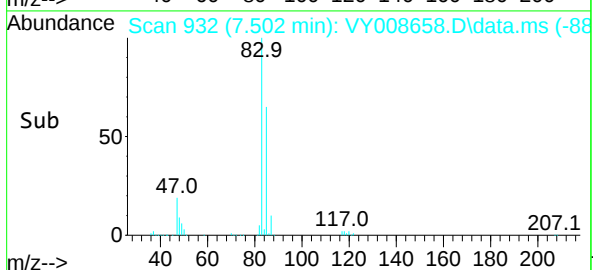
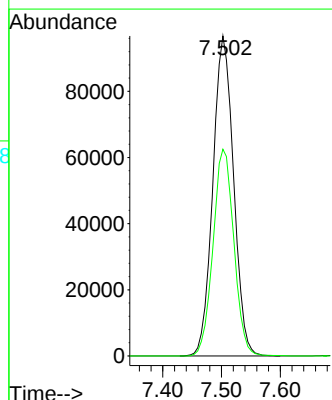
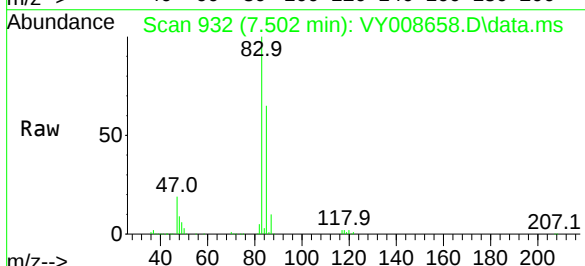
Acq: 09 May 2022 11:41

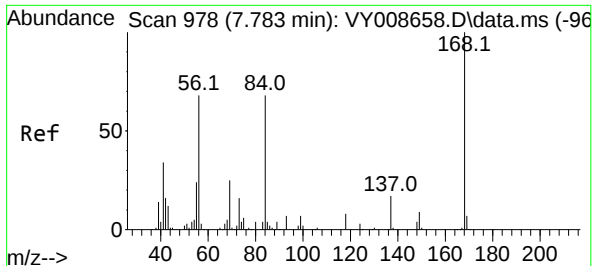
Tgt Ion: 83 Resp: 236761

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

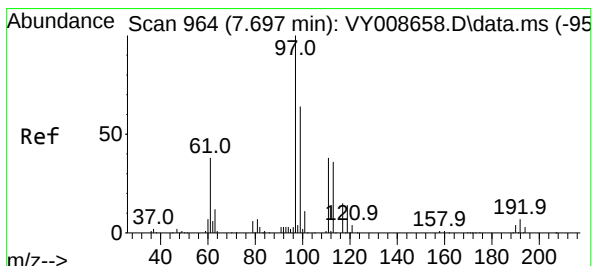
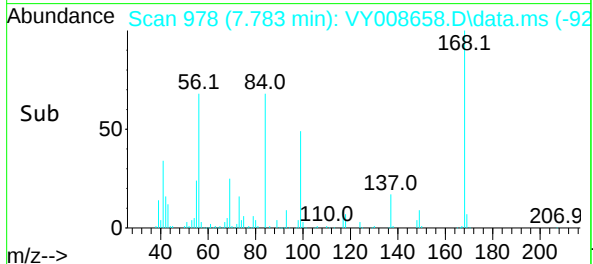
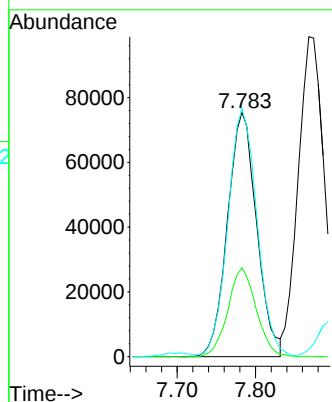
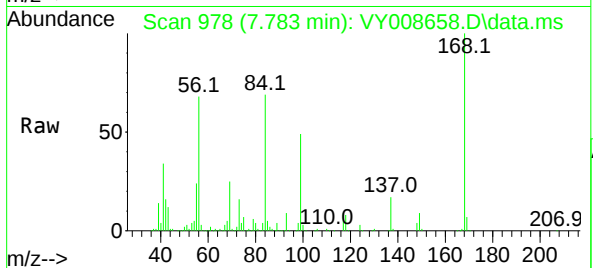




#31
Cyclohexane
Concen: 39.875 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

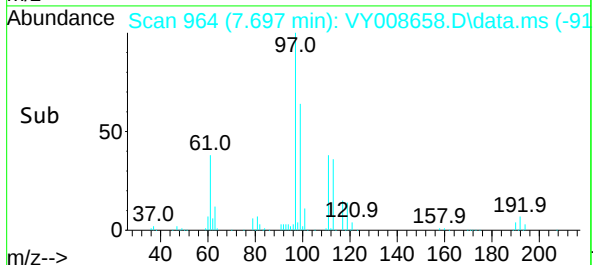
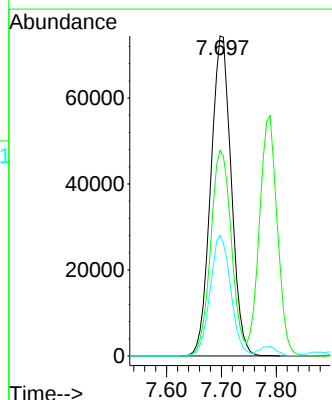
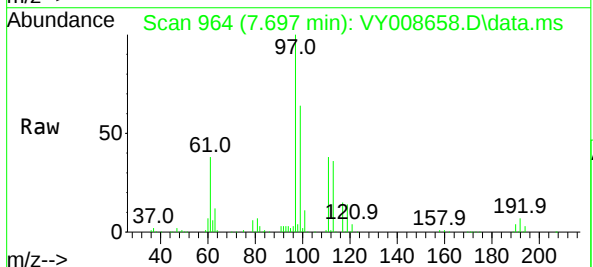
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

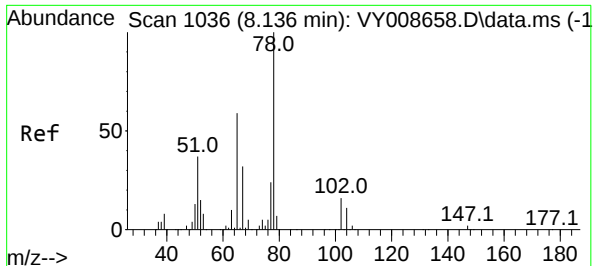
Tgt Ion: 56 Resp: 195285
Ion Ratio Lower Upper
56 100
69 36.5 26.7 40.1
84 100.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 40.393 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 97 Resp: 192735
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 38.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 38.308 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

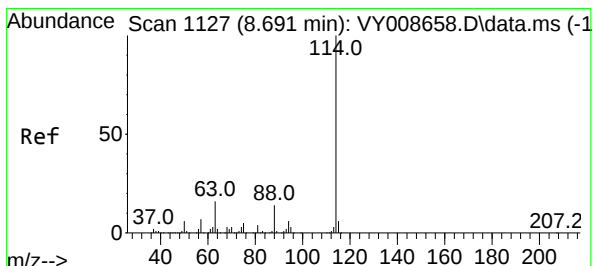
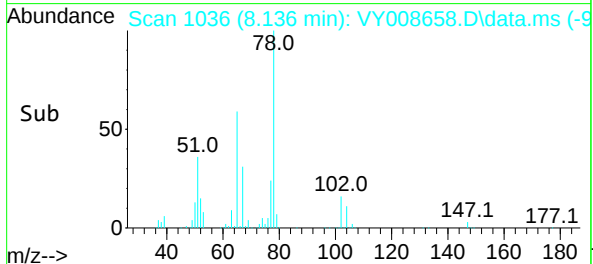
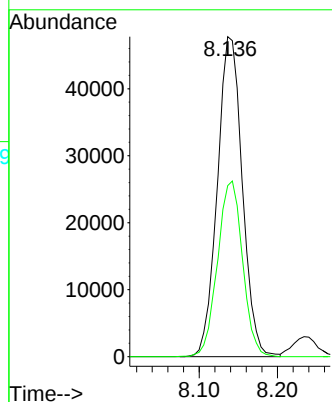
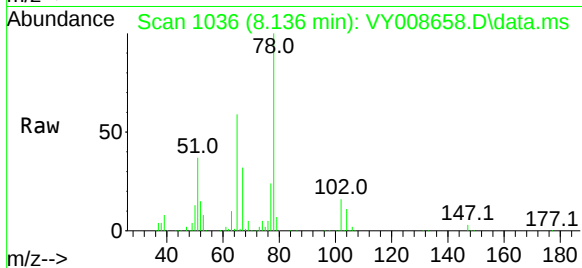
VSTDICCC050

Tgt Ion: 65 Resp: 105936

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

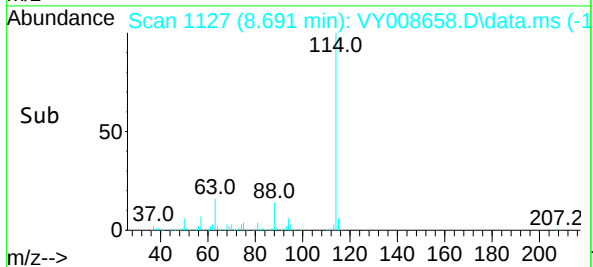
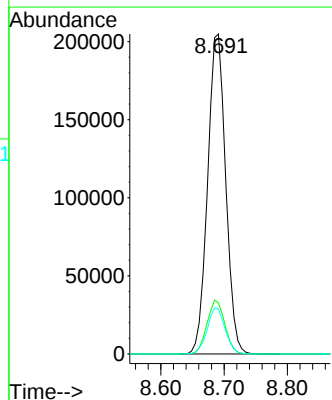
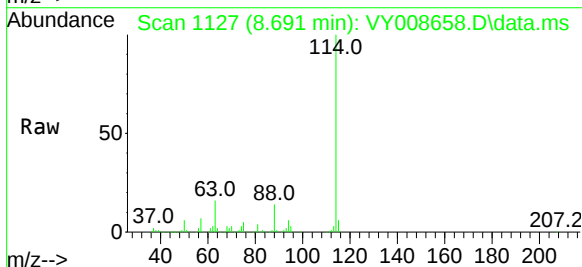
Tgt Ion: 114 Resp: 406541

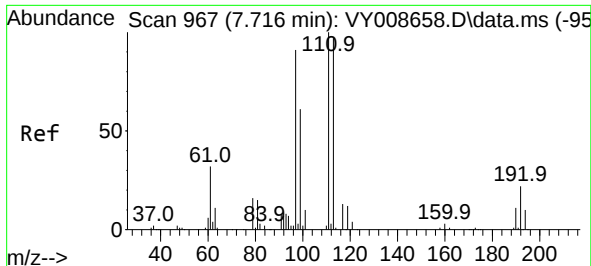
Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 14.0 0.0 31.8

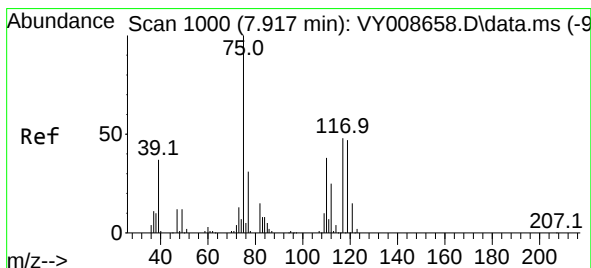
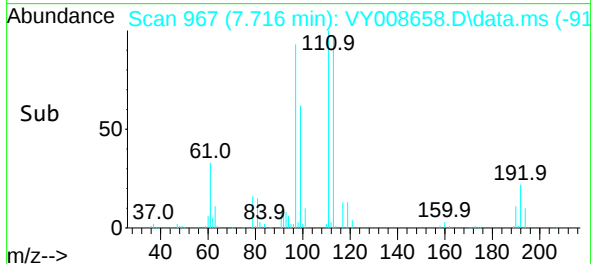
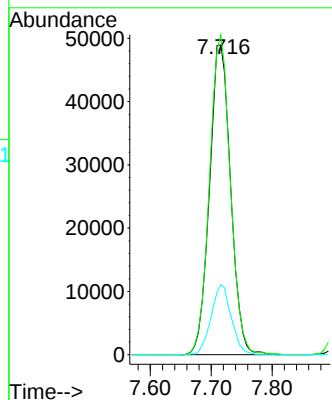
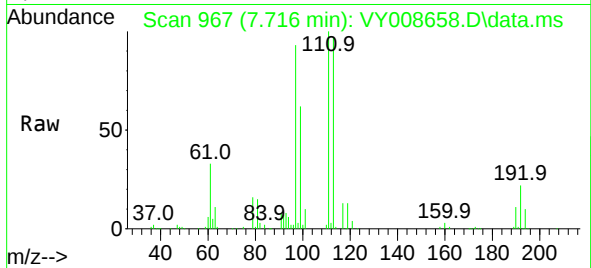




#35
Dibromofluoromethane
Concen: 47.519 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

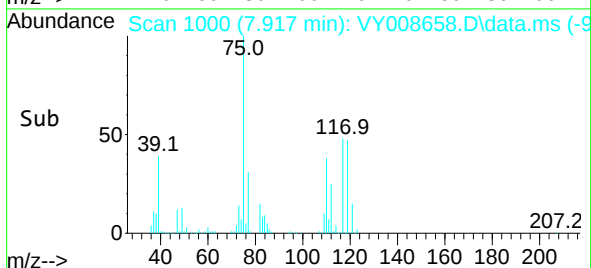
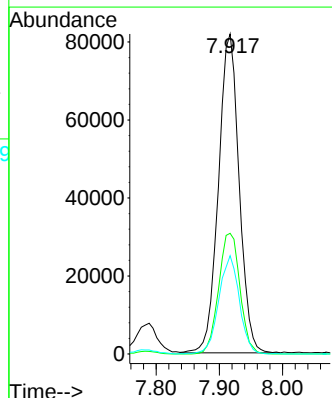
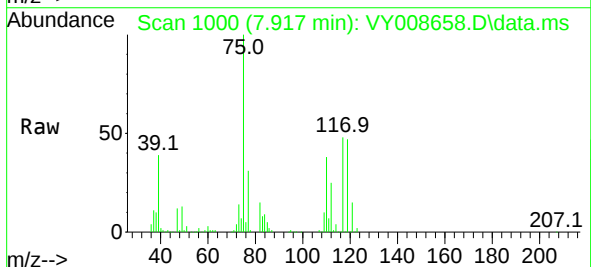
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

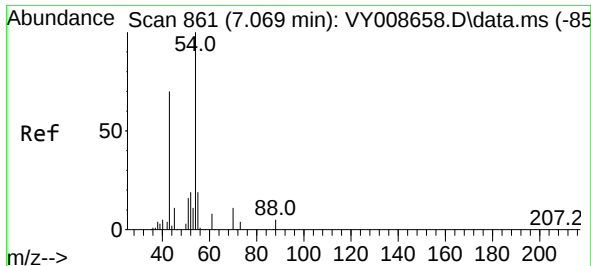
Tgt Ion:113 Resp: 118113
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 46.588 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 75 Resp: 185097
Ion Ratio Lower Upper
75 100
110 39.1 17.1 51.2
77 30.7 24.4 36.6

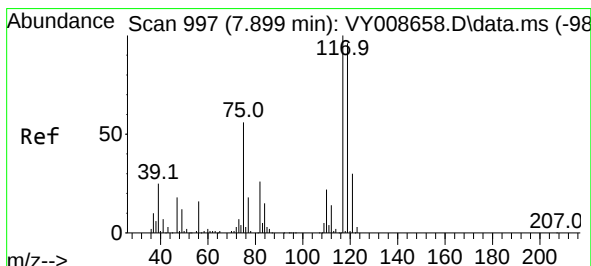
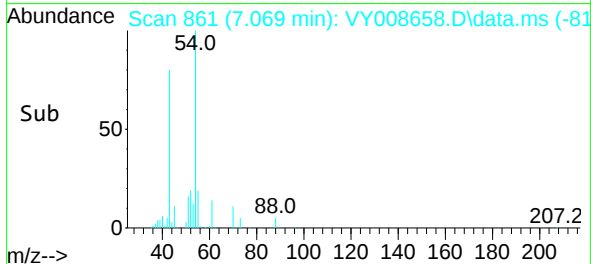
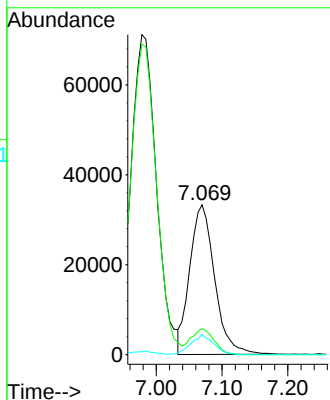
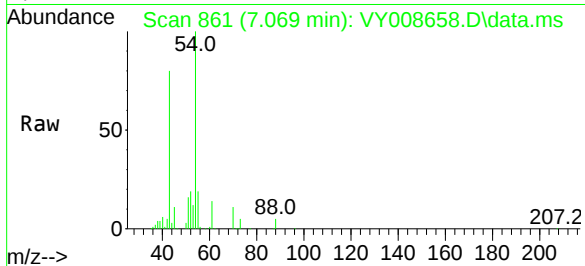




#37
Ethyl Acetate
Concen: 40.692 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

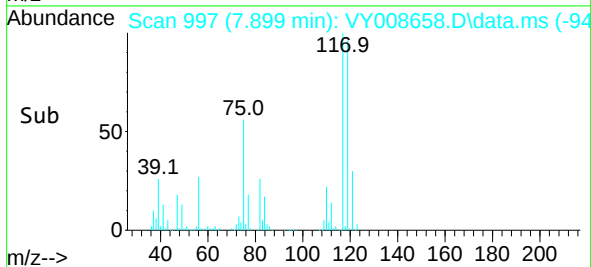
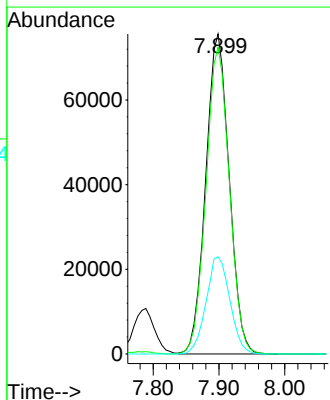
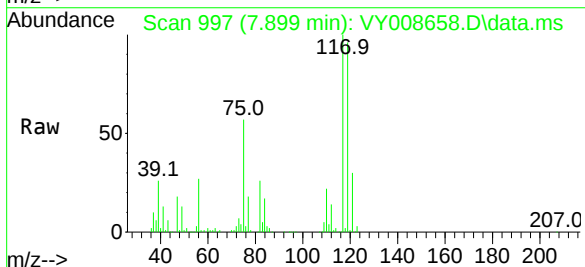
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

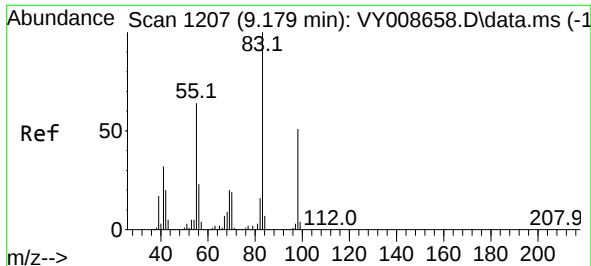
Tgt Ion: 43 Resp: 87090
Ion Ratio Lower Upper
43 100
61 16.3 9.7 14.5#
70 12.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 47.240 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 117 Resp: 187450
Ion Ratio Lower Upper
117 100
119 95.8 77.9 116.9
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 45.329 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

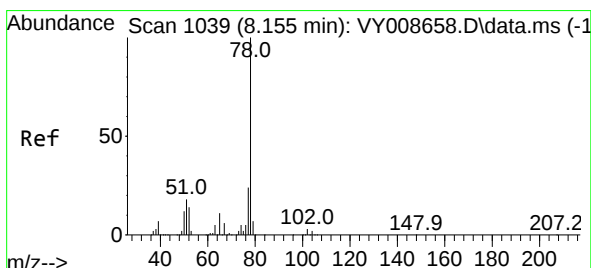
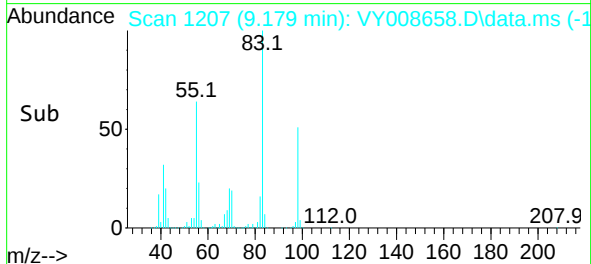
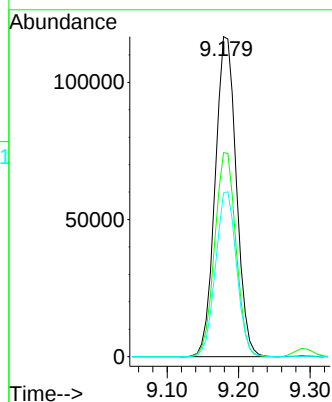
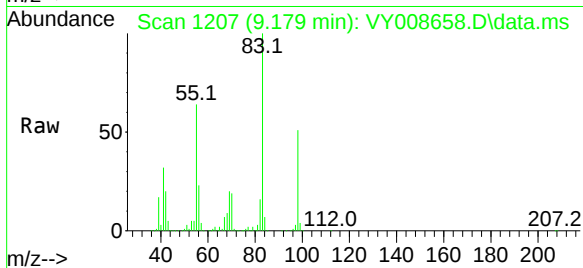
Tgt Ion: 83 Resp: 239842

Ion Ratio Lower Upper

83 100

55 63.7 66.5 99.7#

98 51.2 37.9 56.9



#40

Benzene

Concen: 46.651 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY008658.D

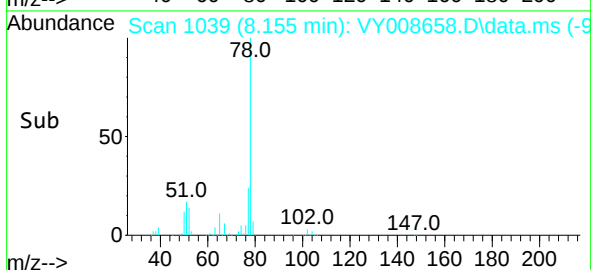
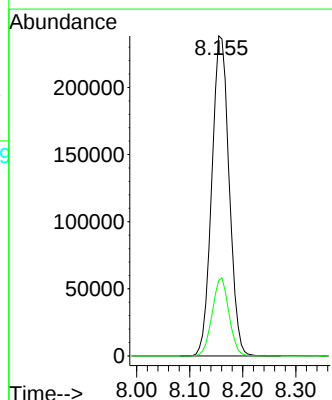
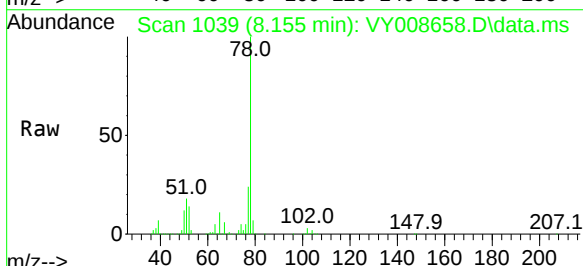
Acq: 09 May 2022 11:41

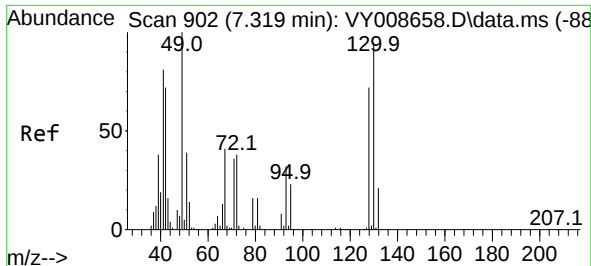
Tgt Ion: 78 Resp: 540693

Ion Ratio Lower Upper

78 100

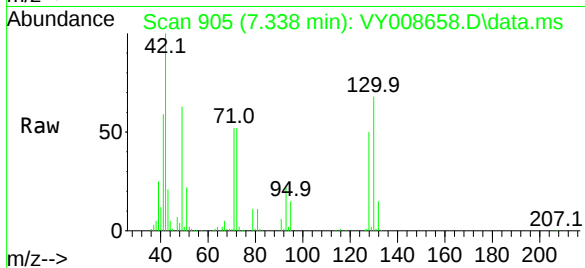
77 23.6 20.4 30.6



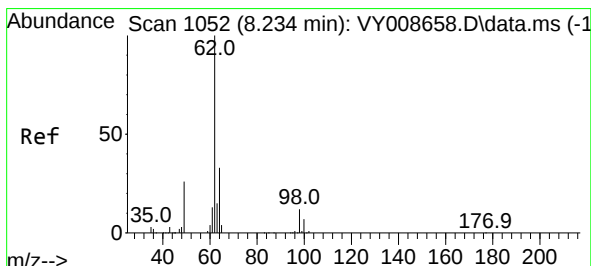
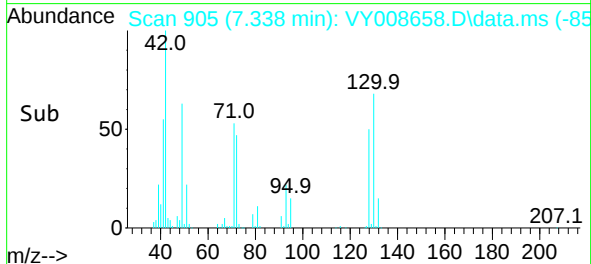
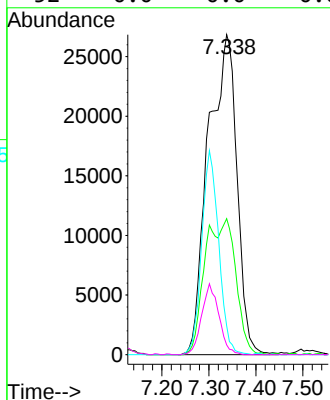


#41
Methacrylonitrile
Concen: 105.386 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

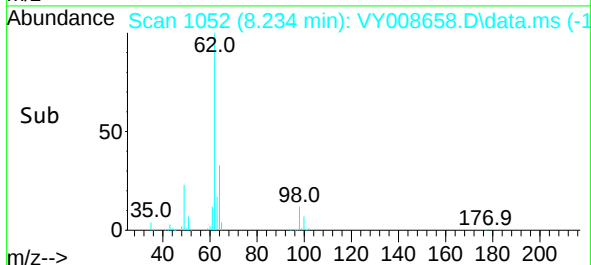
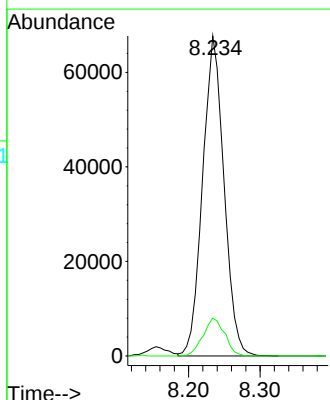
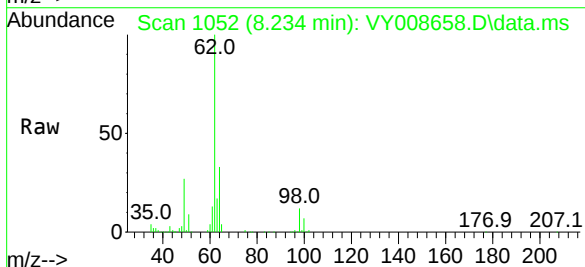


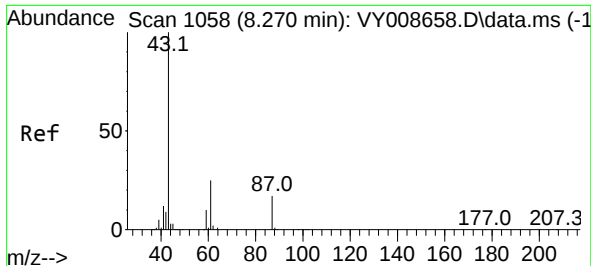
Tgt Ion: 41 Resp: 113910
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 41.828 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 62 Resp: 140539
Ion Ratio Lower Upper
62 100
98 12.0 0.0 14.8





#43

Isopropyl Acetate

Concen: 41.558 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

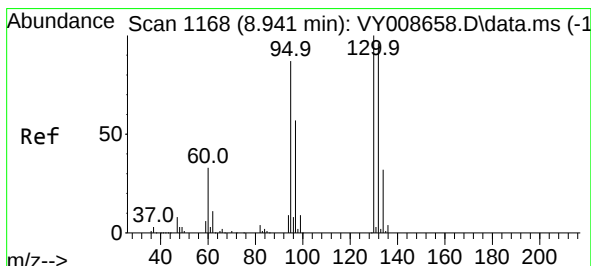
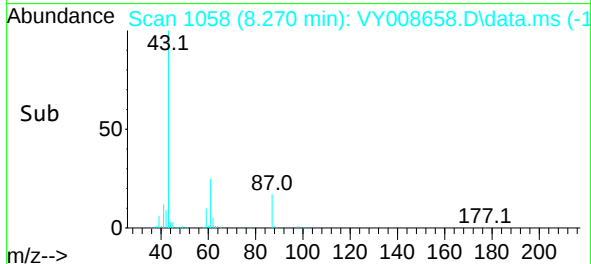
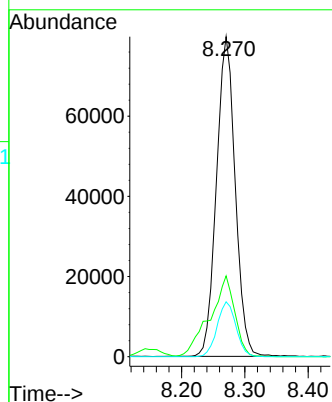
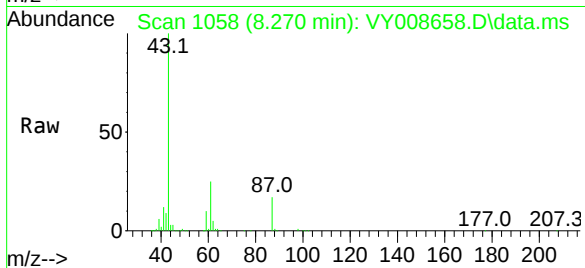
Tgt Ion: 43 Resp: 163813

Ion Ratio Lower Upper

43 100

61 33.7 20.2 30.2#

87 17.3 8.9 13.3#



#44

Trichloroethene

Concen: 47.178 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008658.D

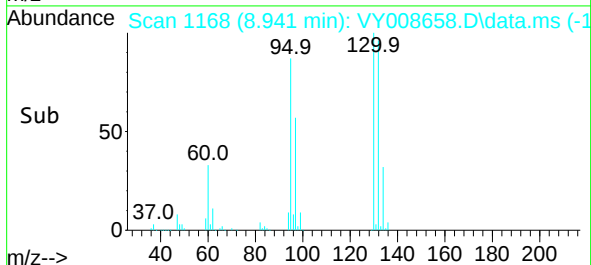
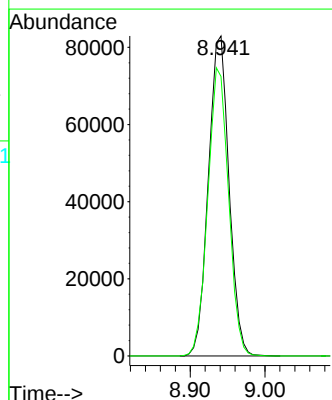
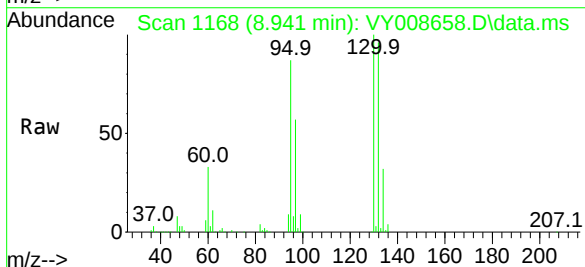
Acq: 09 May 2022 11:41

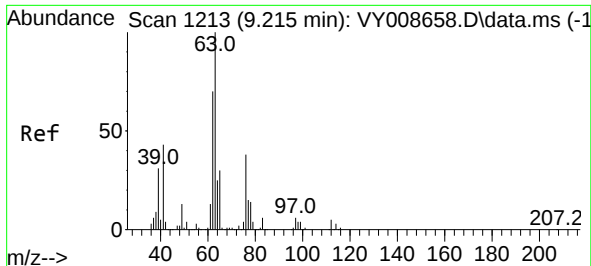
Tgt Ion: 130 Resp: 159371

Ion Ratio Lower Upper

130 100

95 87.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 45.841 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

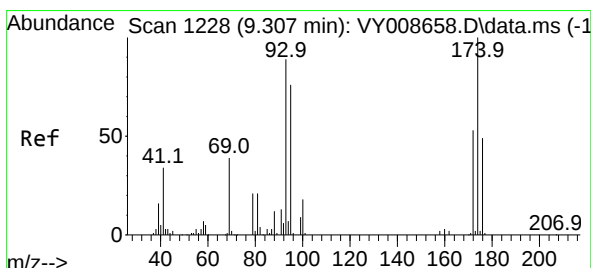
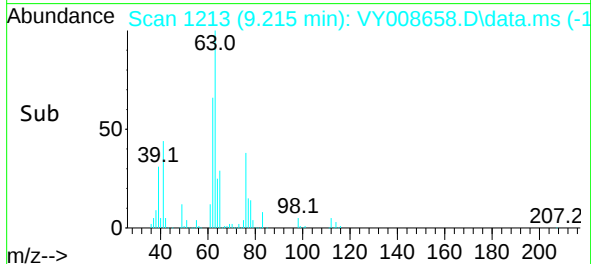
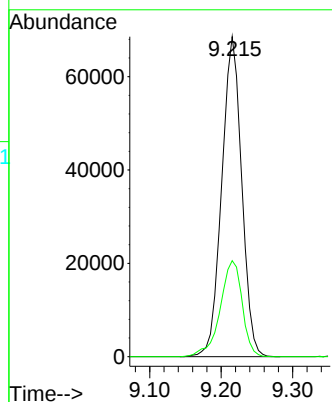
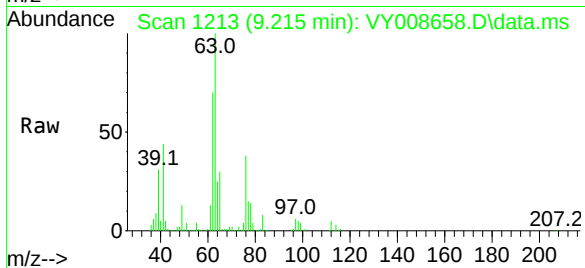
VSTDICCC050

Tgt Ion: 63 Resp: 132759

Ion Ratio Lower Upper

63 100

65 30.0 23.0 34.6



#46

Dibromomethane

Concen: 41.624 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

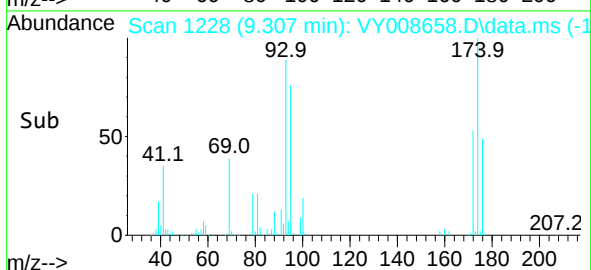
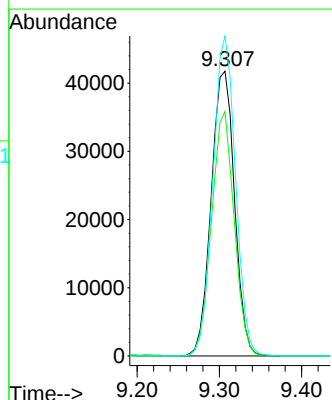
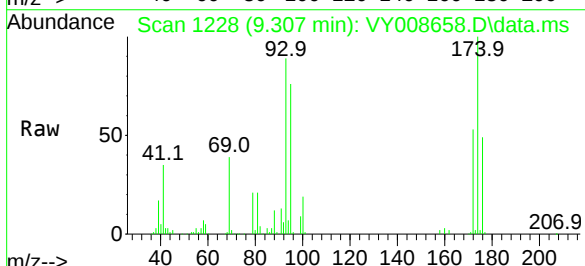
Tgt Ion: 93 Resp: 82223

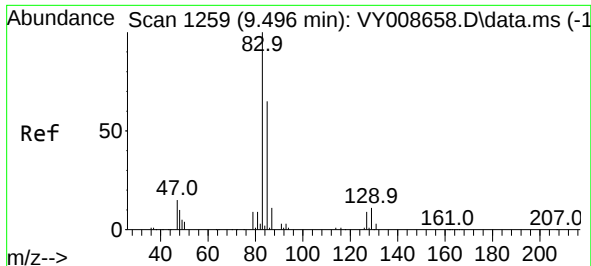
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

174 109.2 83.4 125.0

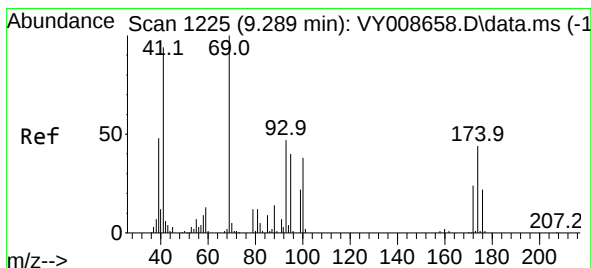
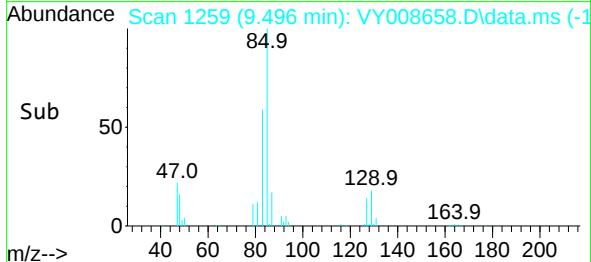
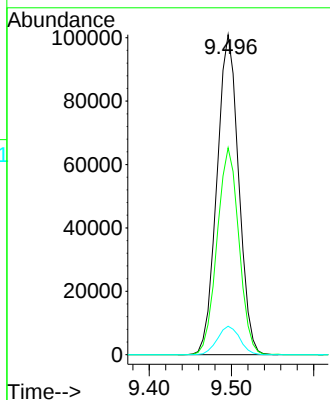
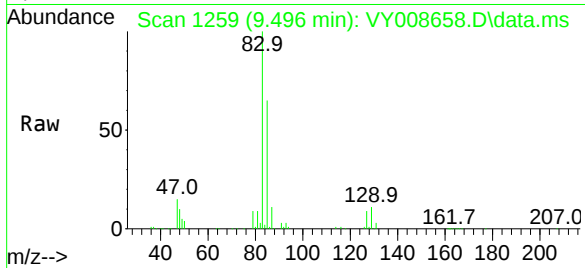




#47
Bromodichloromethane
Concen: 43.814 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

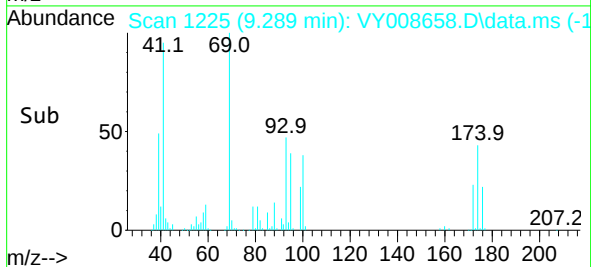
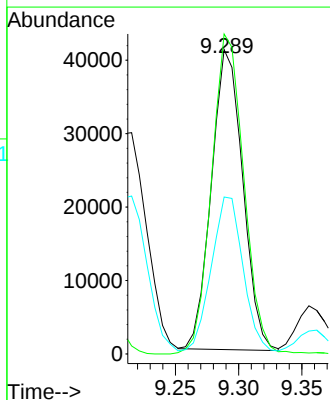
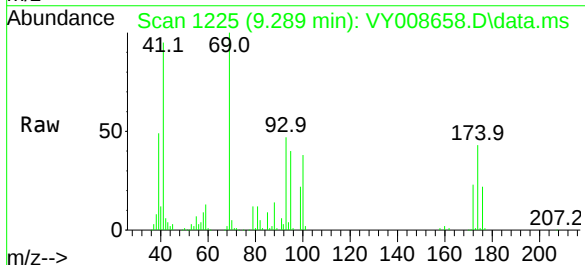
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

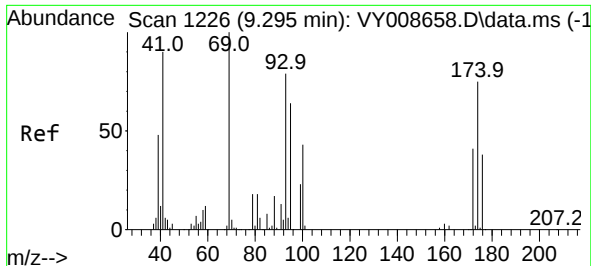
Tgt Ion: 83 Resp: 185773
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 39.303 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 41 Resp: 70443
Ion Ratio Lower Upper
41 100
69 109.7 58.2 87.2#
39 52.0 47.4 71.0





#49

1,4-Dioxane

Concen: 902.124 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

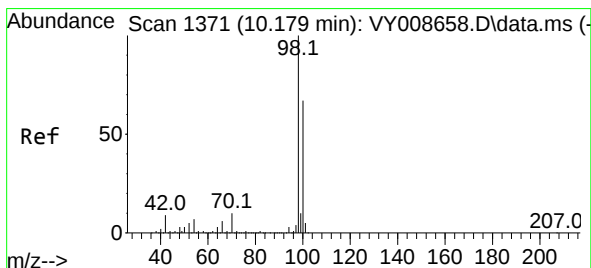
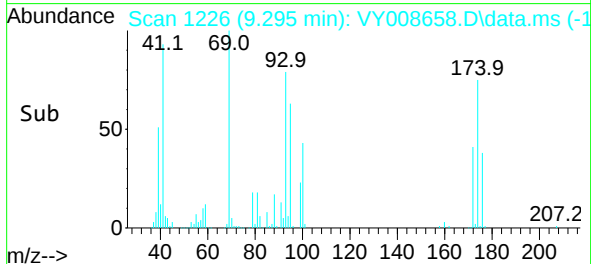
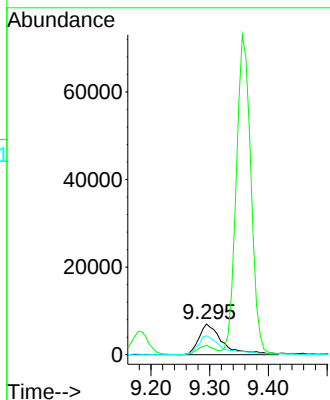
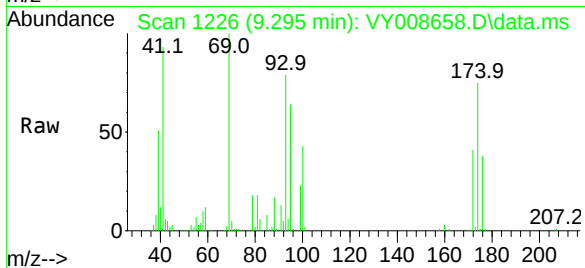
Tgt Ion: 88 Resp: 19599

Ion Ratio Lower Upper

88 100

43 21.8 32.8 49.2#

58 62.7 59.8 89.6



#50

Toluene-d8

Concen: 44.077 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008658.D

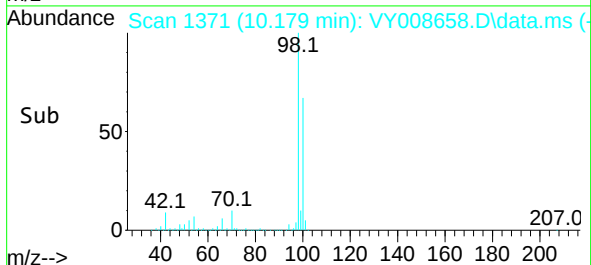
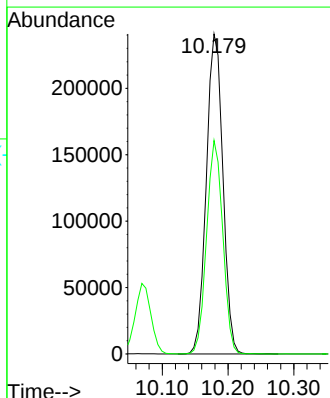
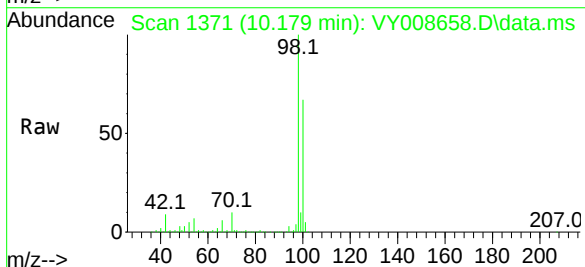
Acq: 09 May 2022 11:41

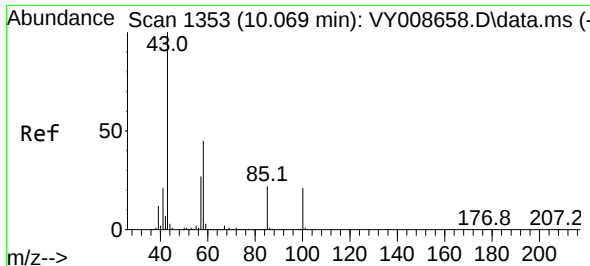
Tgt Ion: 98 Resp: 421311

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

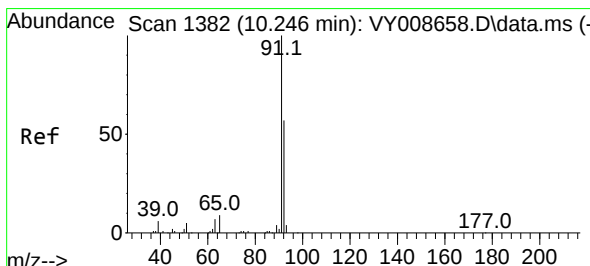
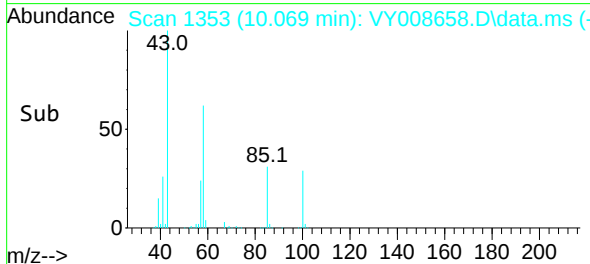
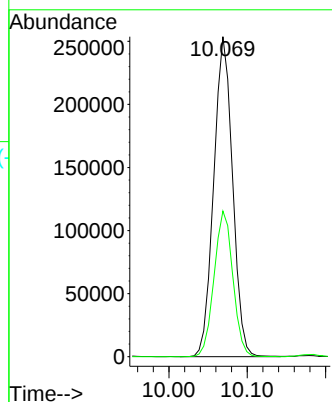
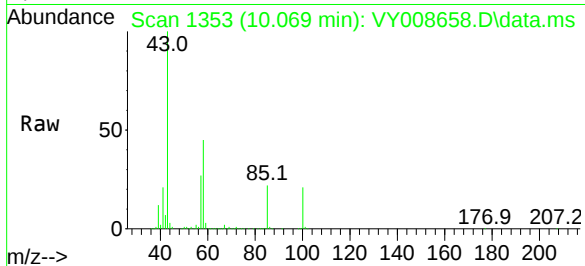




#51
4-Methyl-2-Pentanone
Concen: 196.032 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

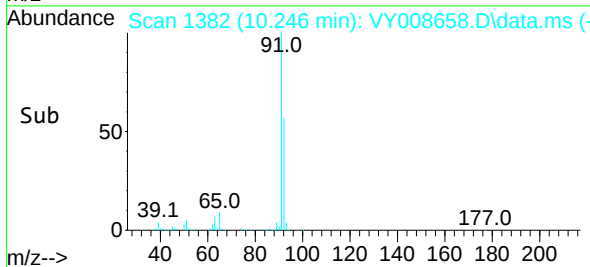
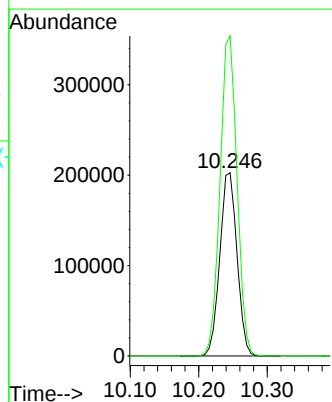
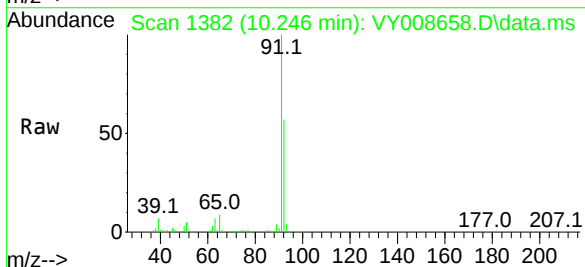
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

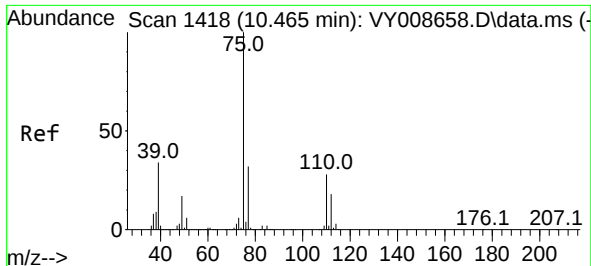
Tgt Ion: 43 Resp: 424584
Ion Ratio Lower Upper
43 100
58 45.3 28.1 42.1#



#52
Toluene
Concen: 43.770 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 92 Resp: 351330
Ion Ratio Lower Upper
92 100
91 173.0 142.6 213.8

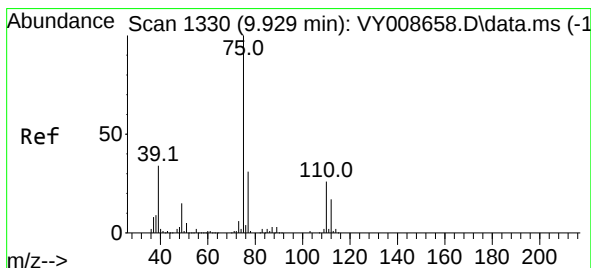
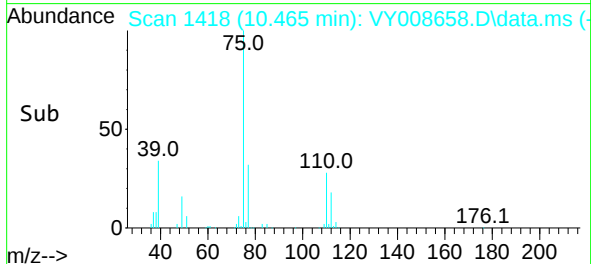
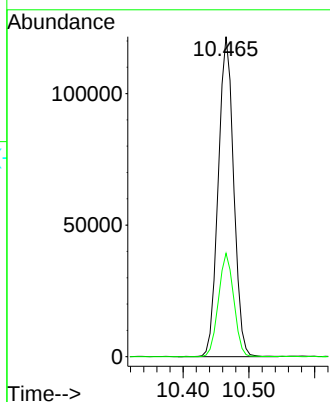
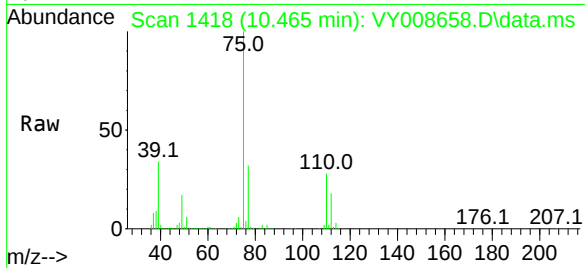




#53
t-1,3-Dichloropropene
Concen: 40.484 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

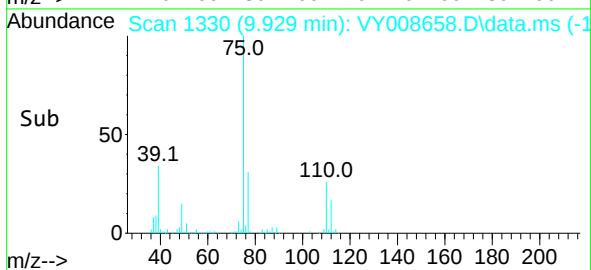
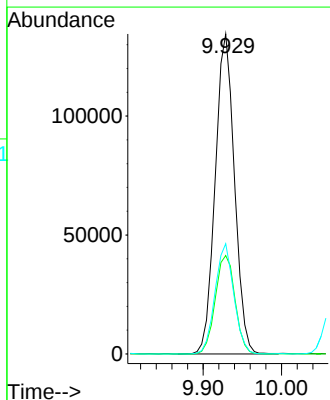
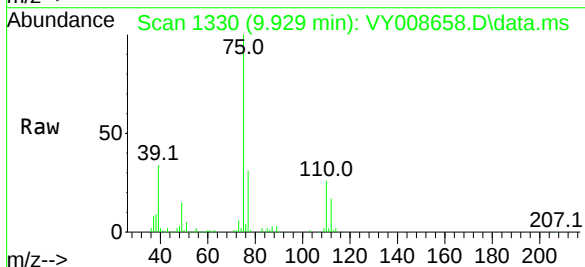
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

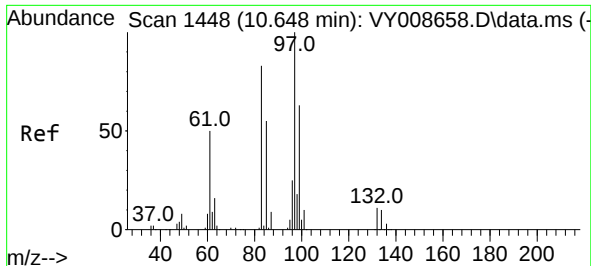
Tgt Ion: 75 Resp: 198739
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 45.258 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 75 Resp: 229915
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 34.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 40.863 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 116743

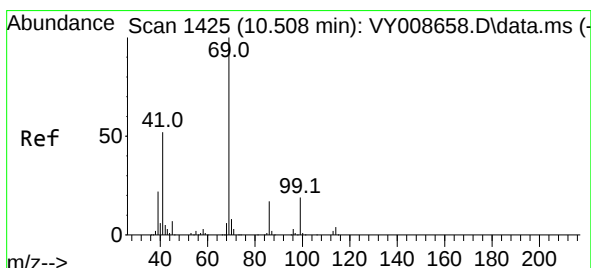
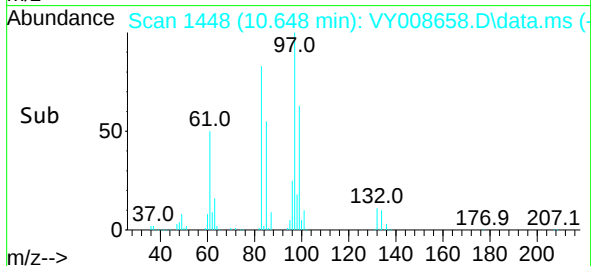
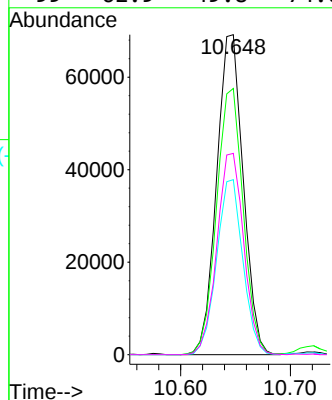
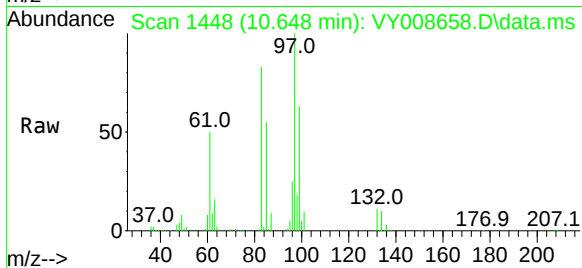
Ion Ratio Lower Upper

97 100

83 83.2 69.8 104.8

85 54.7 44.3 66.5

99 62.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 41.609 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

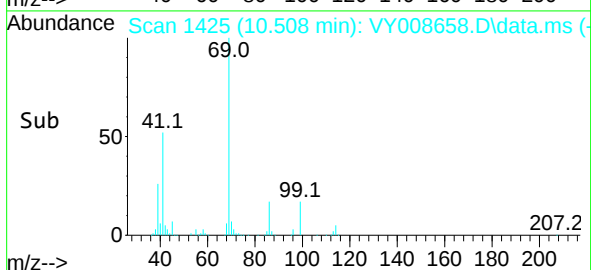
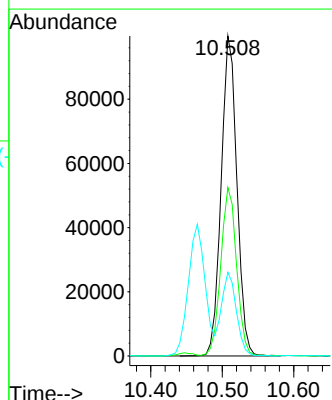
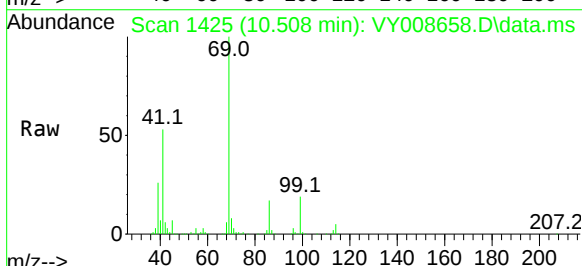
Tgt Ion: 69 Resp: 152424

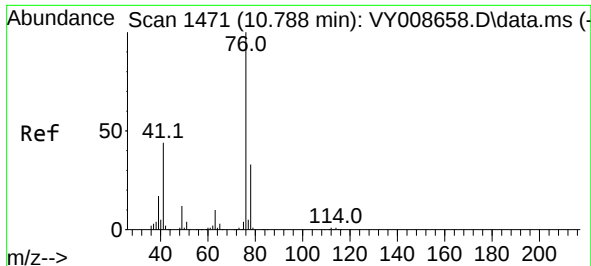
Ion Ratio Lower Upper

69 100

41 52.8 63.4 95.0#

39 24.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 41.878 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

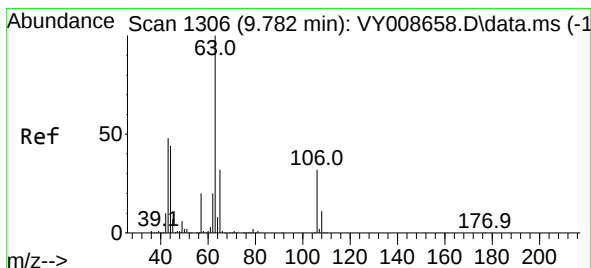
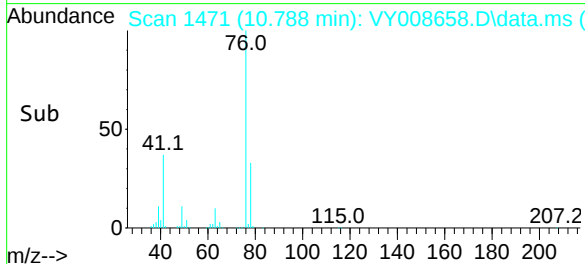
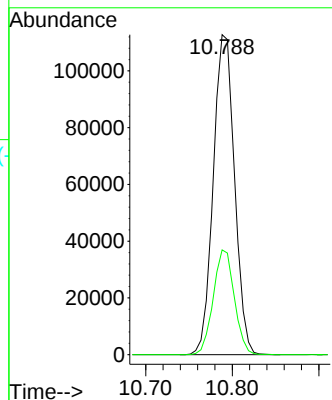
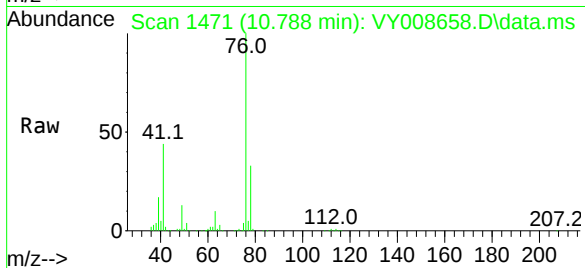
VSTDICCC050

Tgt Ion: 76 Resp: 192230

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 222.458 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008658.D

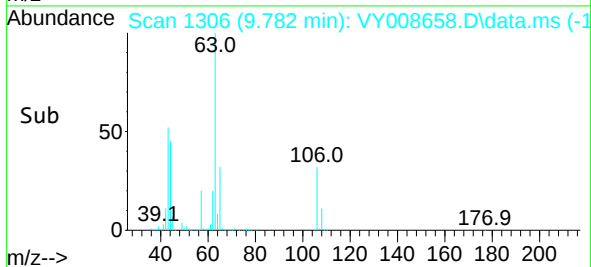
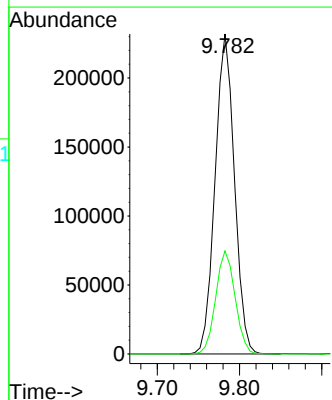
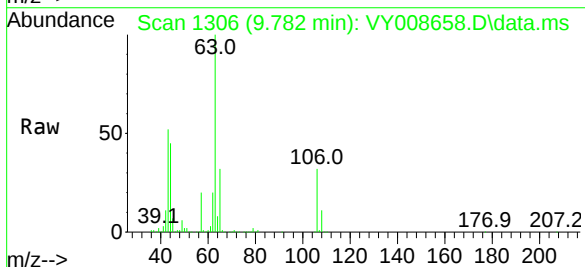
Acq: 09 May 2022 11:41

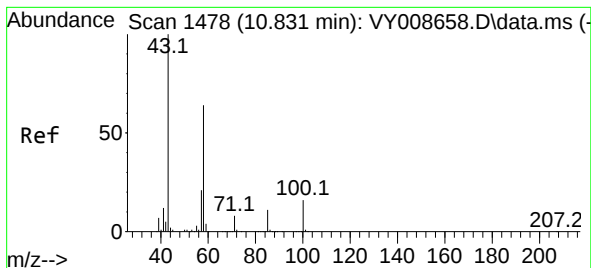
Tgt Ion: 63 Resp: 378346

Ion Ratio Lower Upper

63 100

106 32.3 21.5 32.3

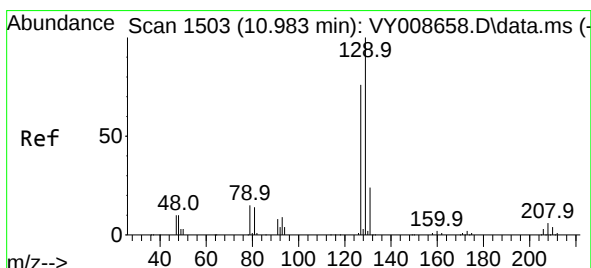
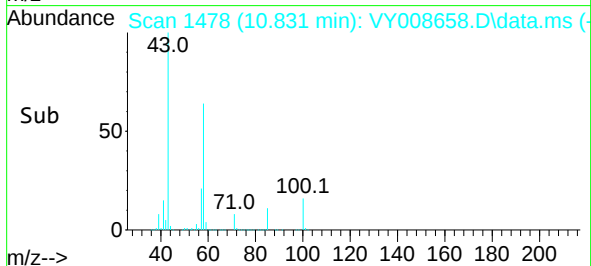
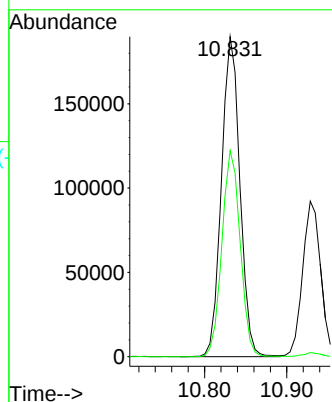
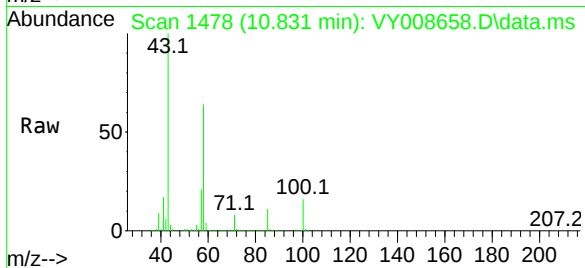




#59
2-Hexanone
Concen: 191.798 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

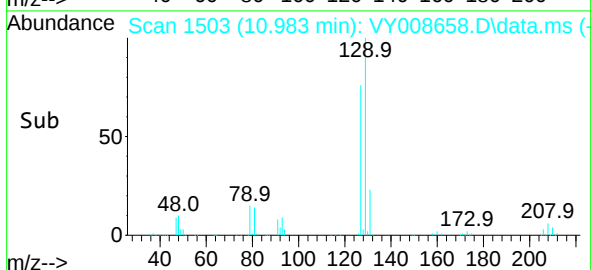
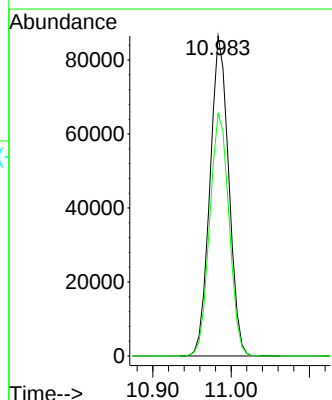
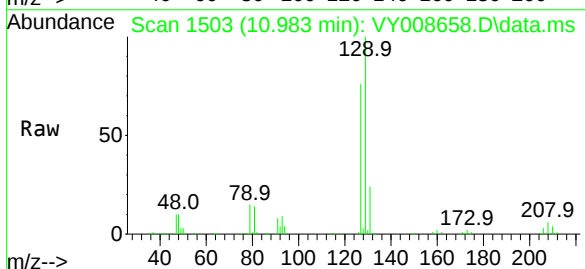
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

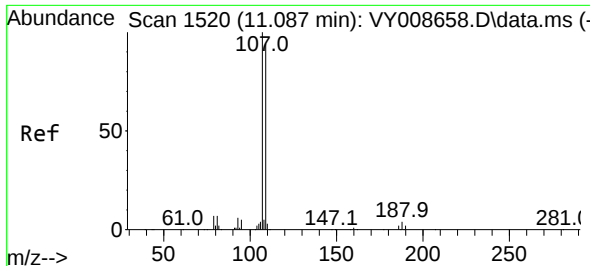
Tgt Ion: 43 Resp: 295742
Ion Ratio Lower Upper
43 100
58 63.9 24.4 73.4



#60
Dibromochloromethane
Concen: 43.434 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 129 Resp: 143769
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

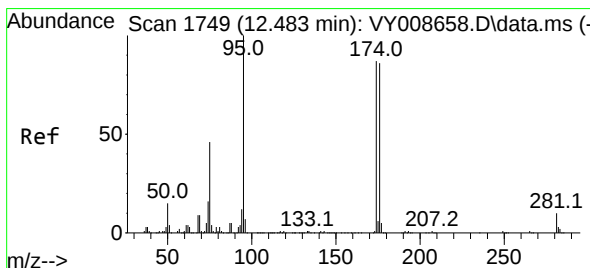
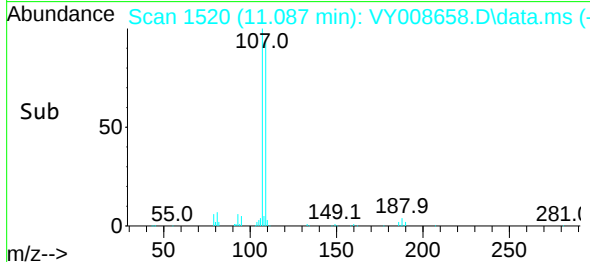
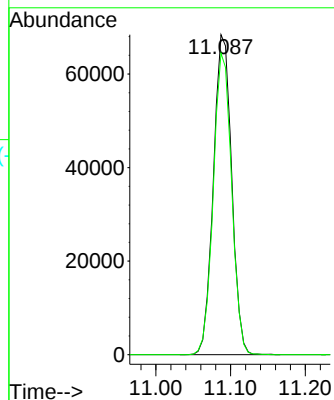
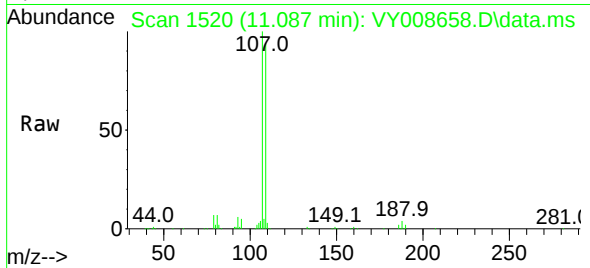




#61
1,2-Dibromoethane
Concen: 42.791 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

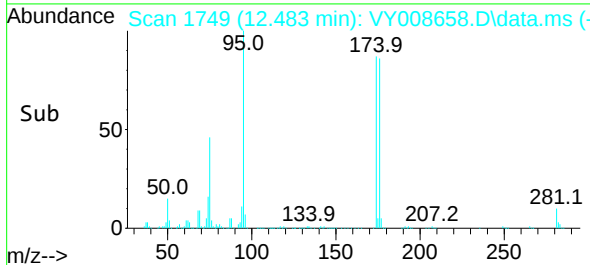
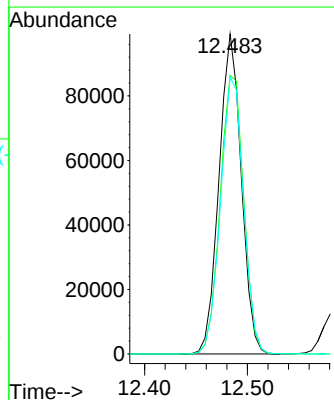
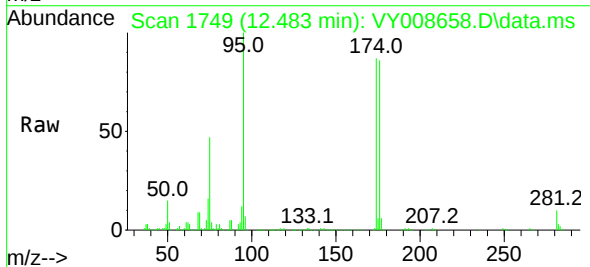
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

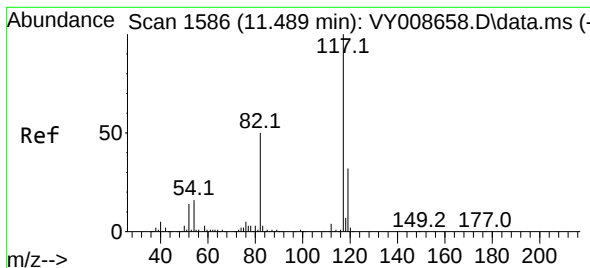
Tgt Ion:107 Resp: 115952
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 42.582 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 95 Resp: 148888
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

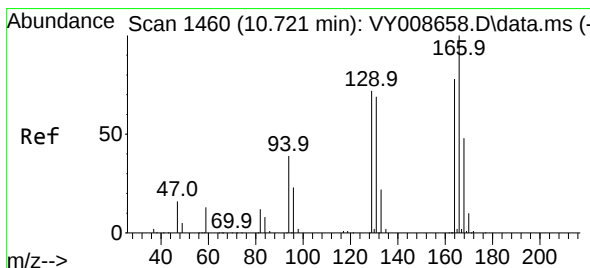
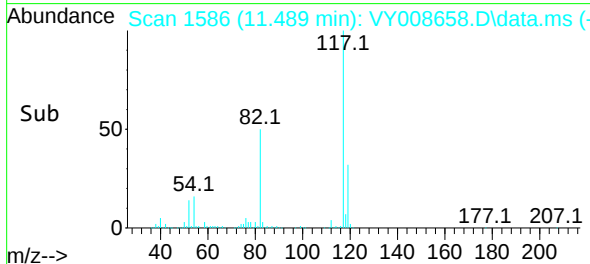
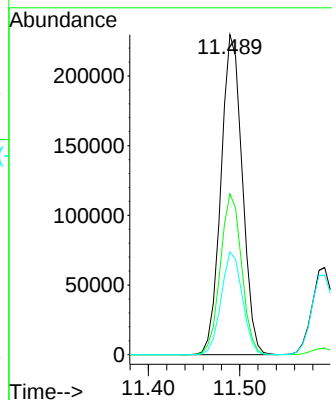
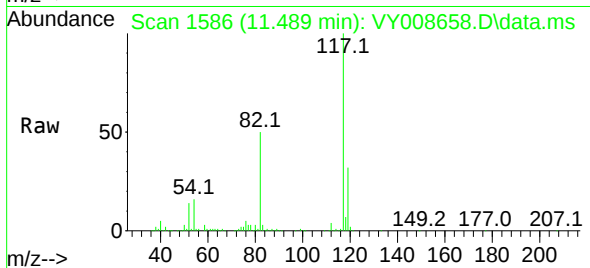
Tgt Ion:117 Resp: 372470

Ion Ratio Lower Upper

117 100

82 50.2 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 46.283 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Tgt Ion:164 Resp: 131790

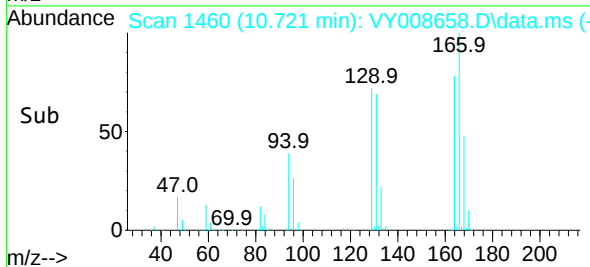
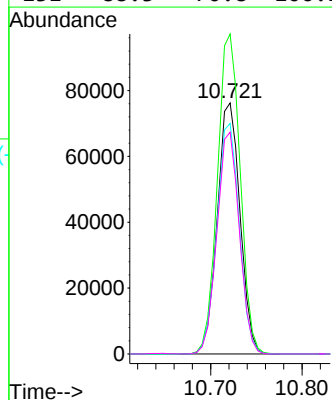
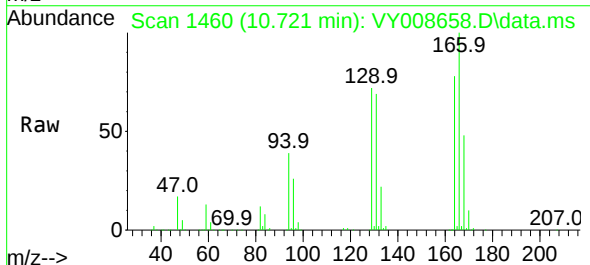
Ion Ratio Lower Upper

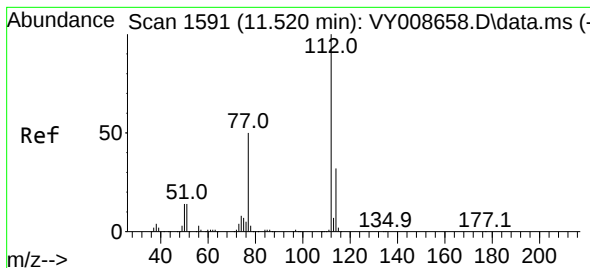
164 100

166 127.5 100.4 150.6

129 91.9 71.4 107.0

131 88.3 70.8 106.2

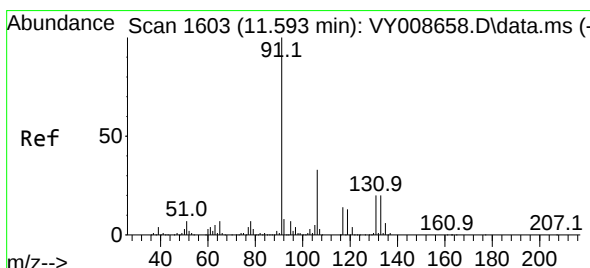
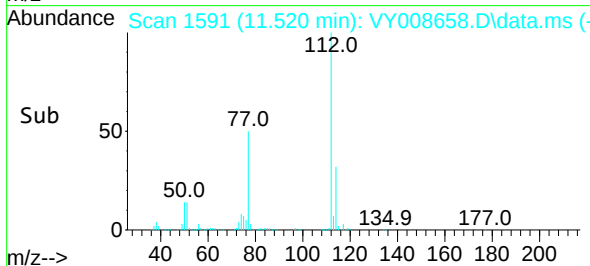
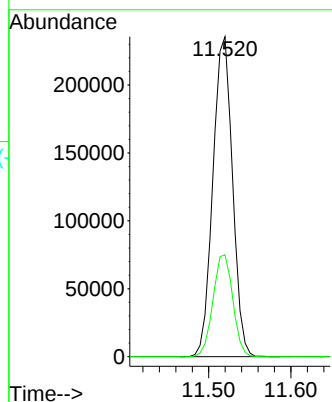
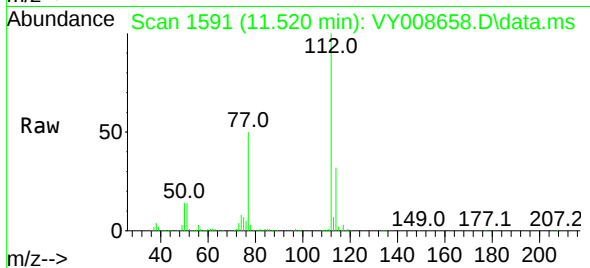




#65
Chlorobenzene
Concen: 46.582 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

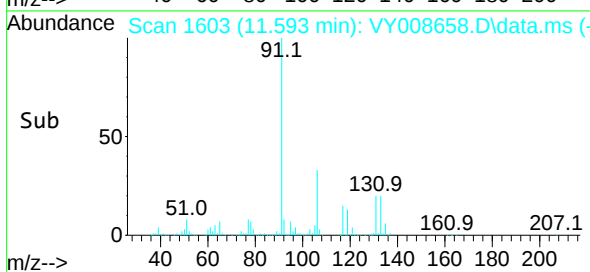
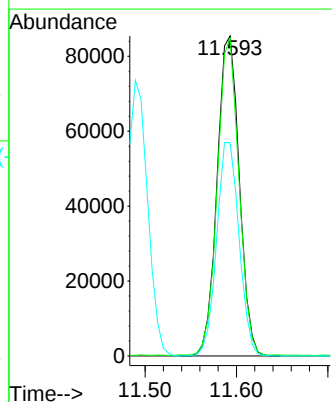
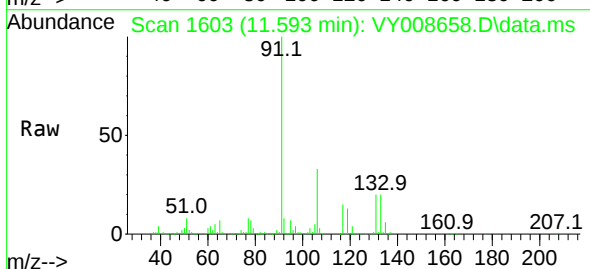
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

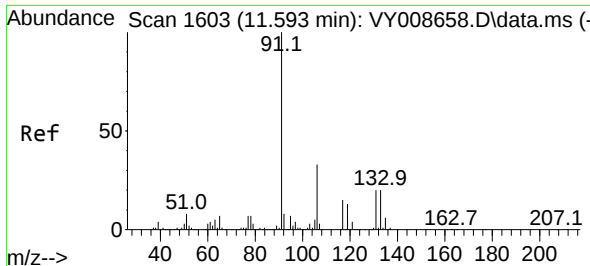
Tgt Ion:112 Resp: 389729
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.044 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion:131 Resp: 144049
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 67.3 30.8 92.3





#67

Ethyl Benzene

Concen: 45.847 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

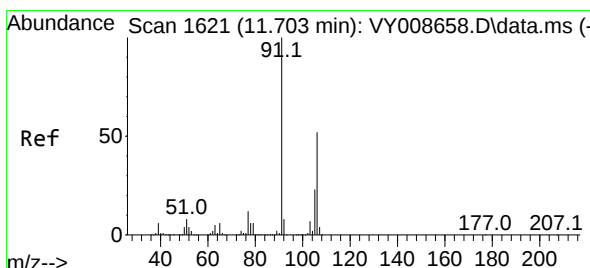
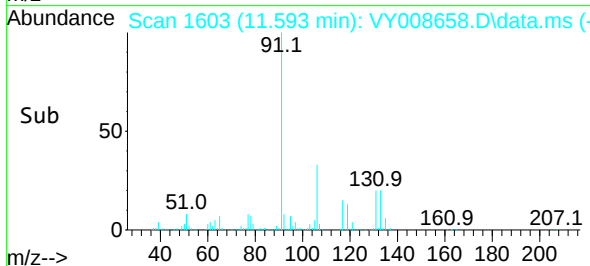
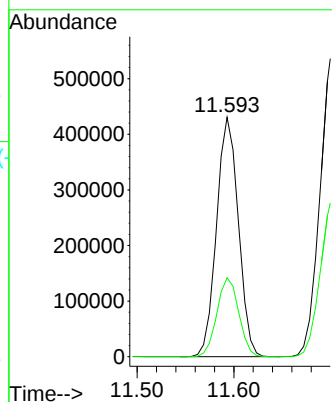
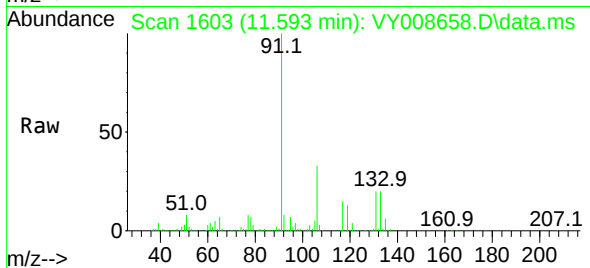
VSTDICCC050

Tgt Ion: 91 Resp: 672208

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 83.253 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008658.D

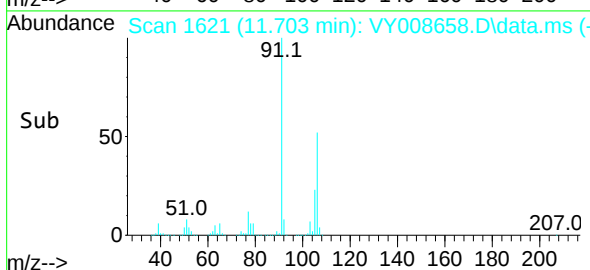
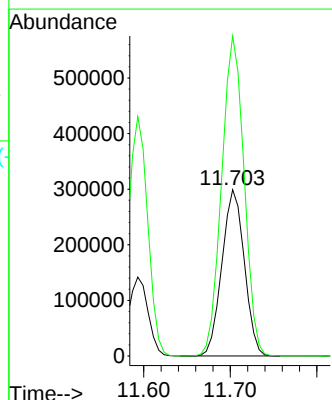
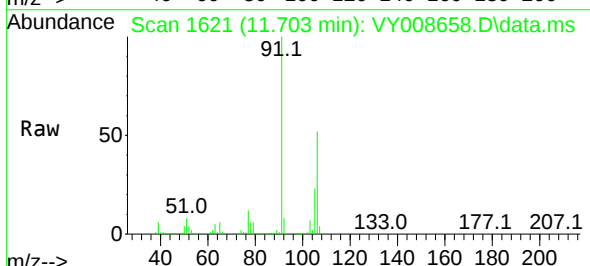
Acq: 09 May 2022 11:41

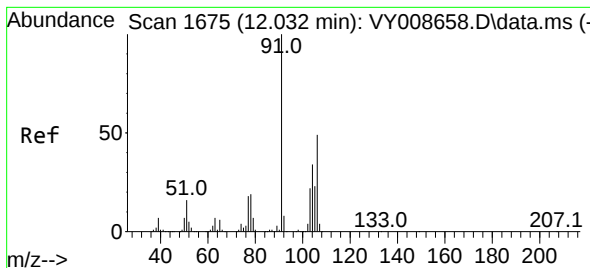
Tgt Ion: 106 Resp: 536262

Ion Ratio Lower Upper

106 100

91 192.7 166.6 249.8

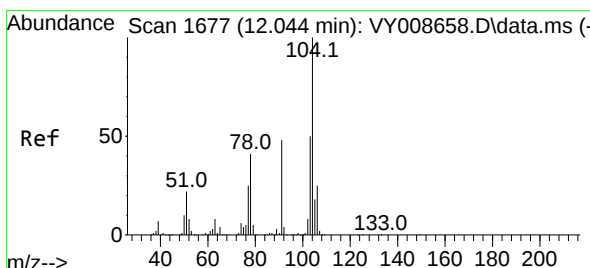
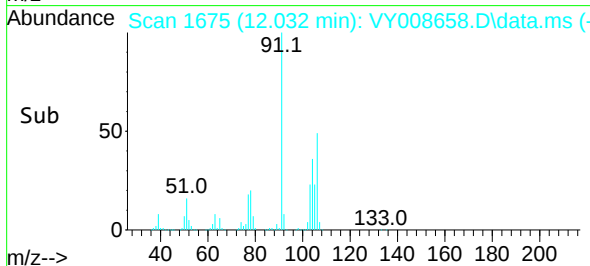
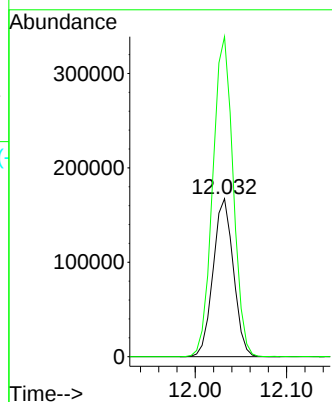
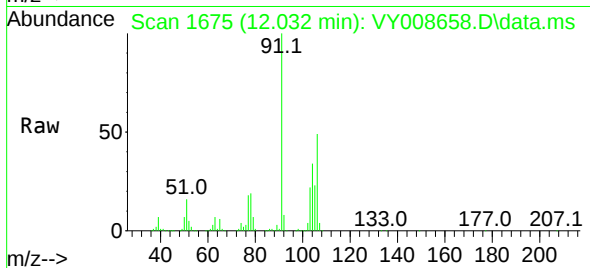




#69
o-Xylene
Concen: 40.660 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

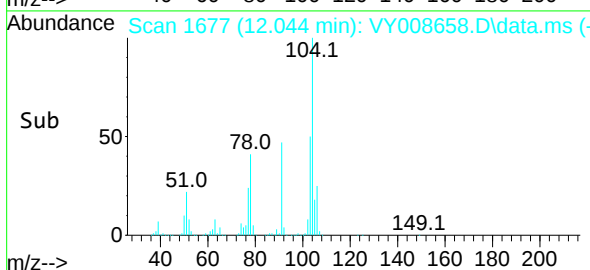
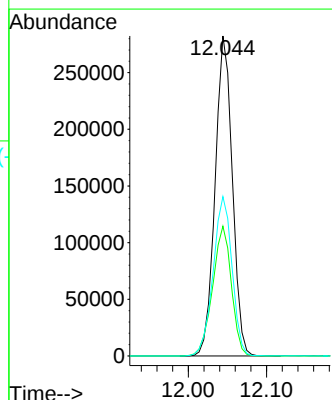
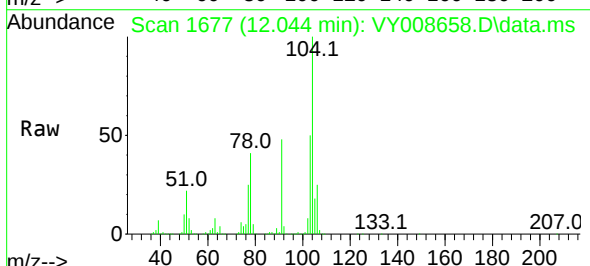
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

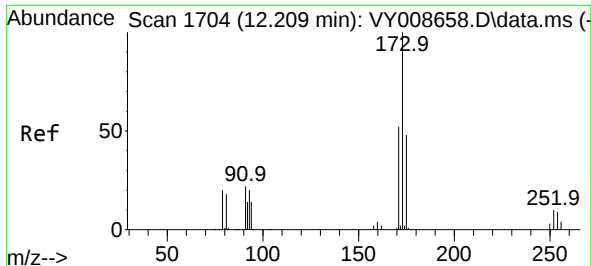
Tgt Ion:106 Resp: 257735
Ion Ratio Lower Upper
106 100
91 203.6 110.3 331.0



#70
Styrene
Concen: 40.101 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion:104 Resp: 432461
Ion Ratio Lower Upper
104 100
78 44.2 42.4 63.6
103 54.5 44.4 66.6

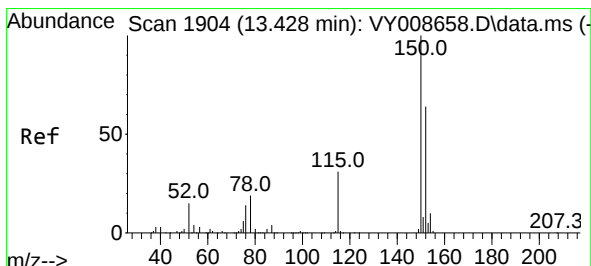
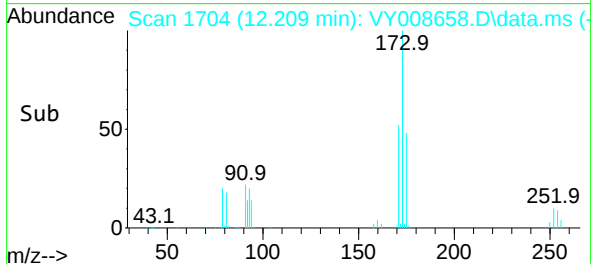
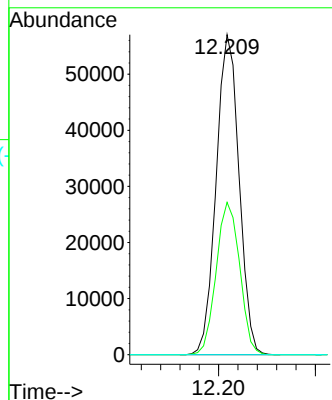
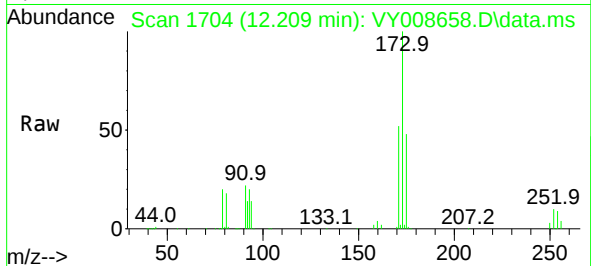




#71
Bromoform
Concen: 41.535 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

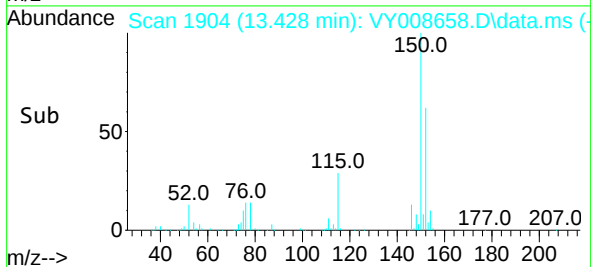
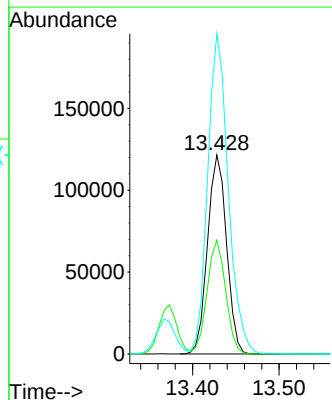
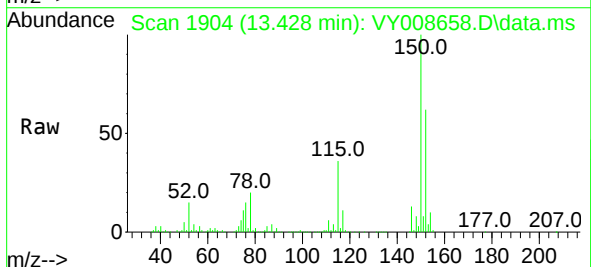
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

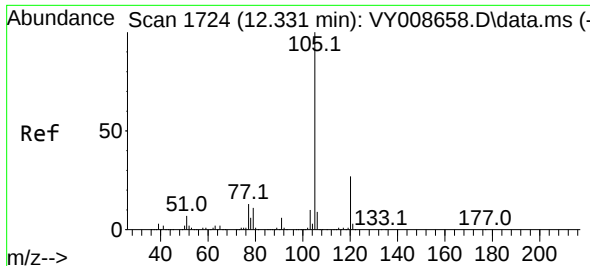
Tgt Ion:173 Resp: 93577
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion:152 Resp: 185412
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 173.9 0.0 347.6

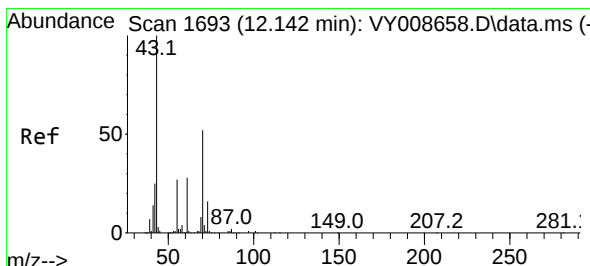
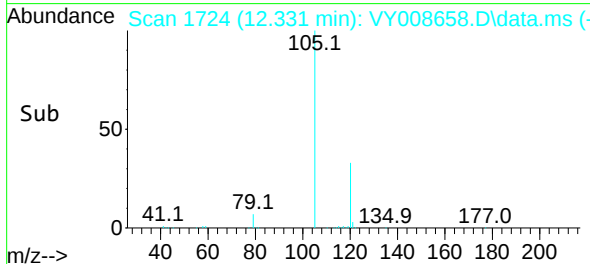
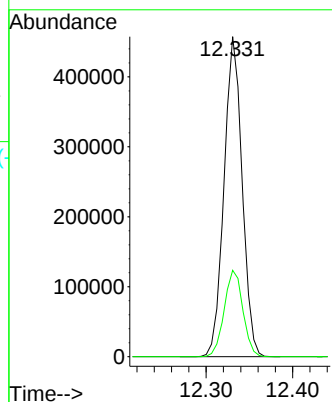
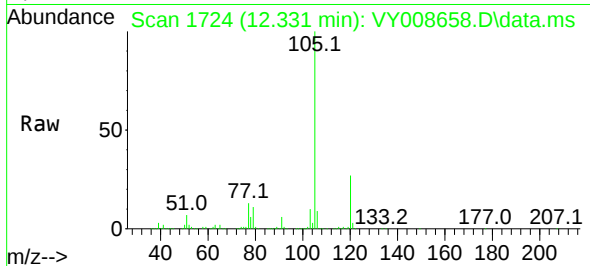




#73
Isopropylbenzene
Concen: 42.211 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

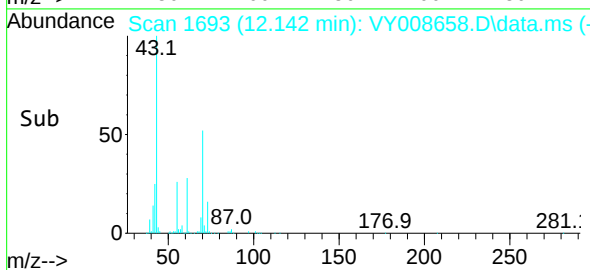
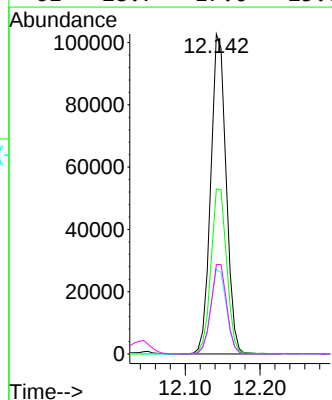
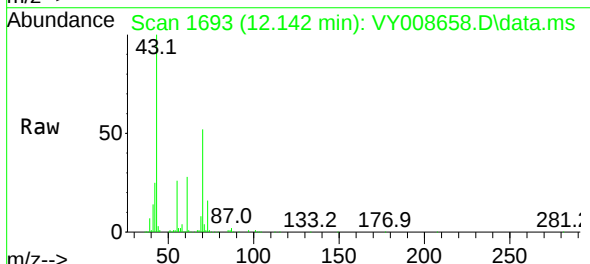
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

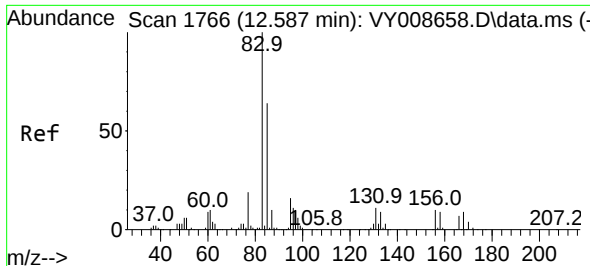
Tgt Ion:105 Resp: 663666
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 37.360 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 43 Resp: 147246
Ion Ratio Lower Upper
43 100
70 52.6 28.7 43.1#
55 26.8 17.3 25.9#
61 28.7 17.0 25.6#

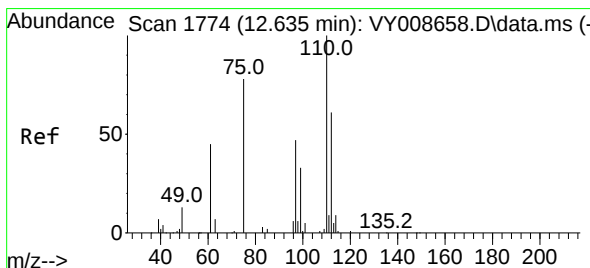
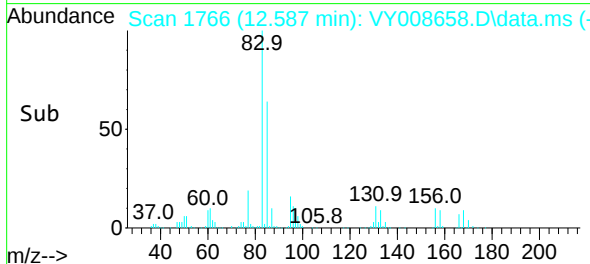
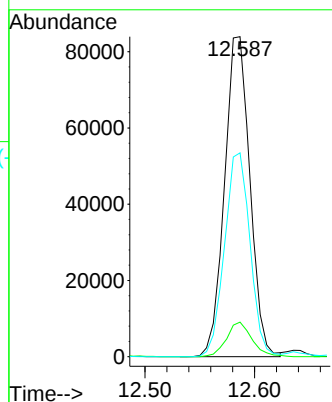
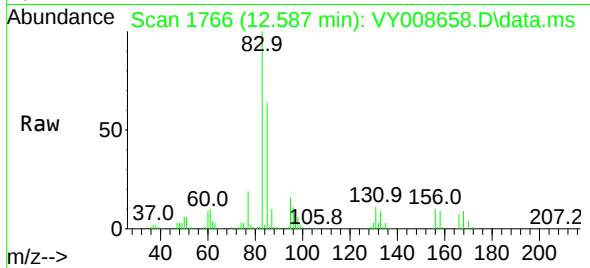




#75
1,1,2,2-Tetrachloroethane
Concen: 41.816 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

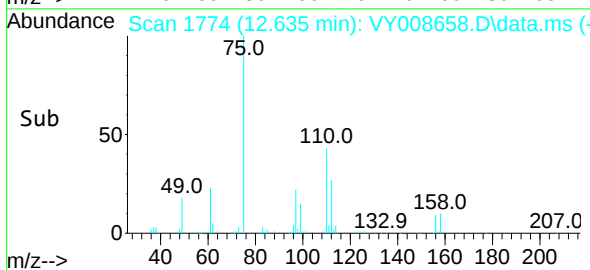
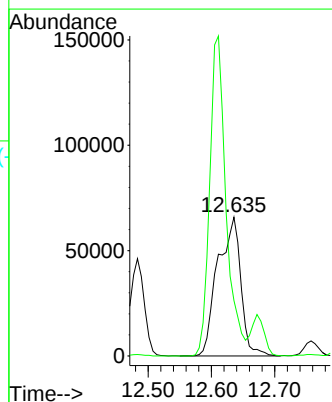
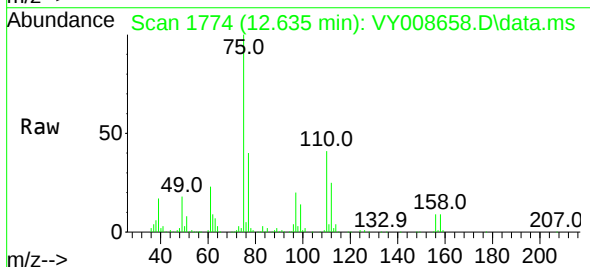
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

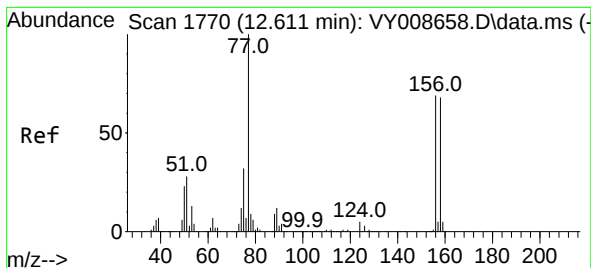
Tgt Ion: 83 Resp: 135060
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 79.202 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 75 Resp: 167249
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.686 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

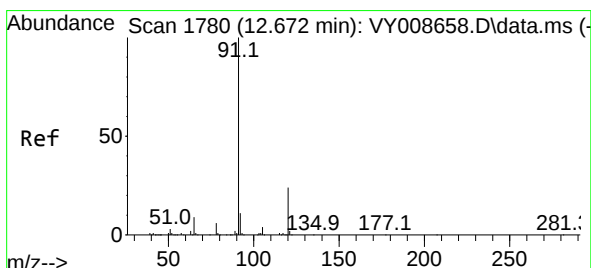
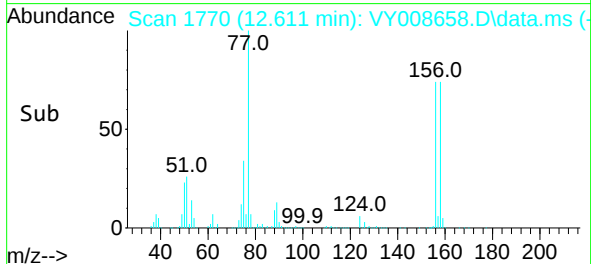
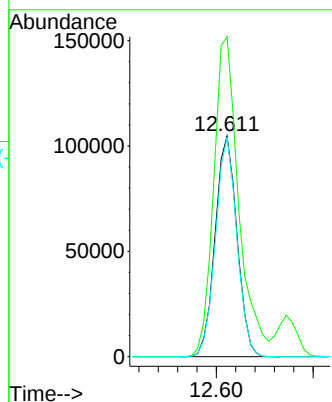
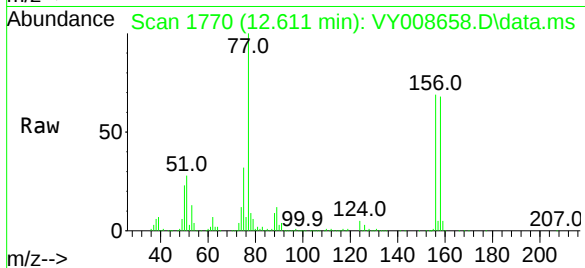
Tgt Ion:156 Resp: 163830

Ion Ratio Lower Upper

156 100

77 166.9 95.5 286.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 47.128 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008658.D

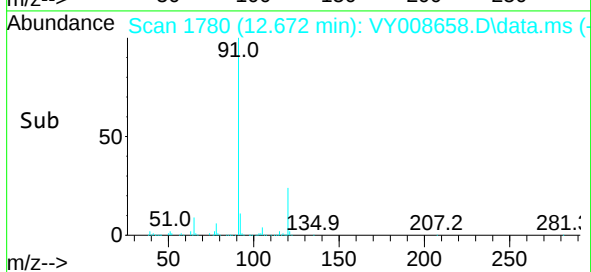
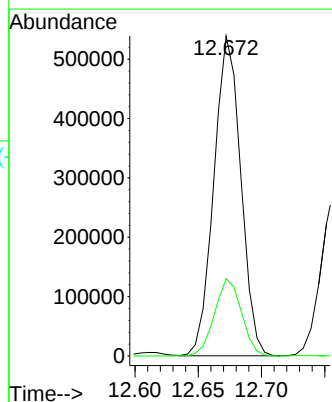
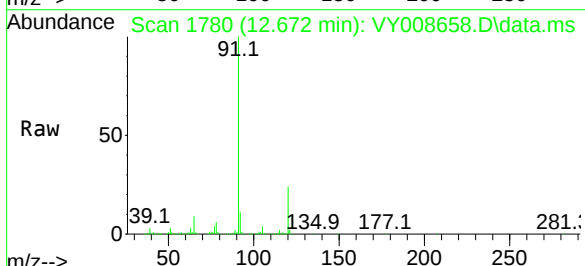
Acq: 09 May 2022 11:41

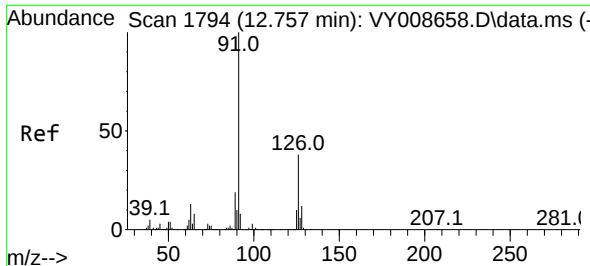
Tgt Ion: 91 Resp: 796511

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

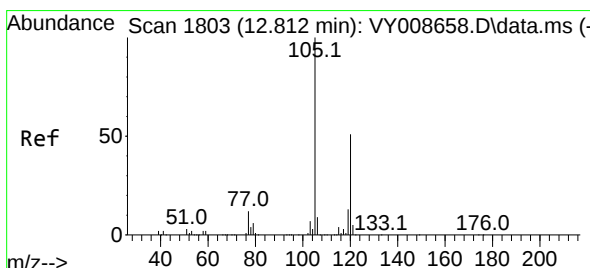
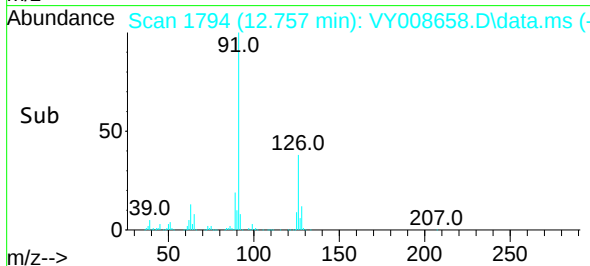
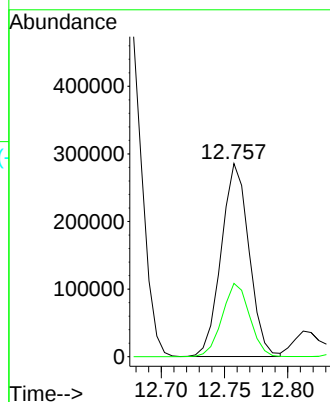
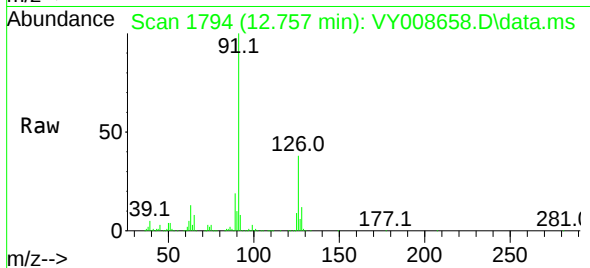




#79
2-Chlorotoluene
Concen: 48.056 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

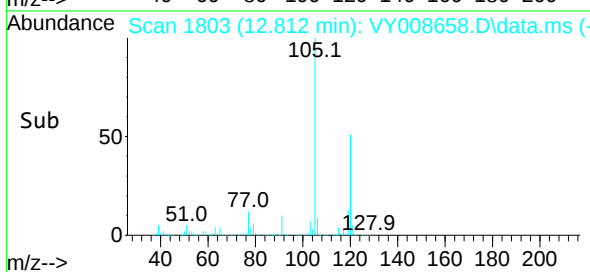
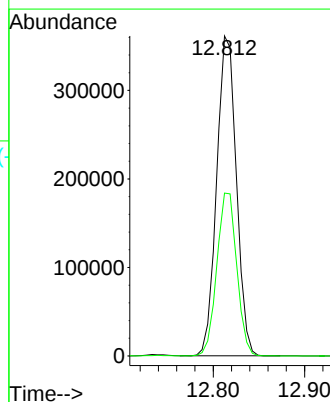
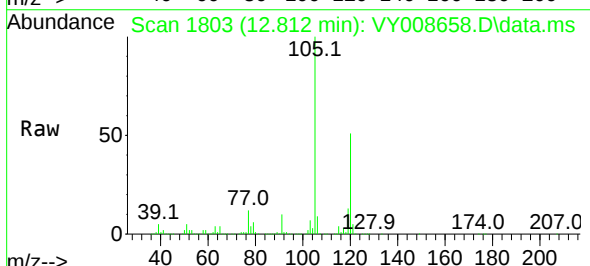
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

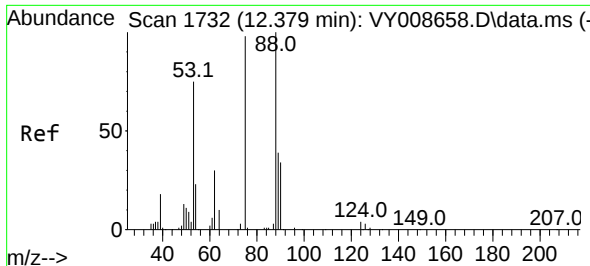
Tgt Ion: 91 Resp: 436060
Ion Ratio Lower Upper
91 100
126 37.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.500 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 105 Resp: 541600
Ion Ratio Lower Upper
105 100
120 51.5 24.4 73.4

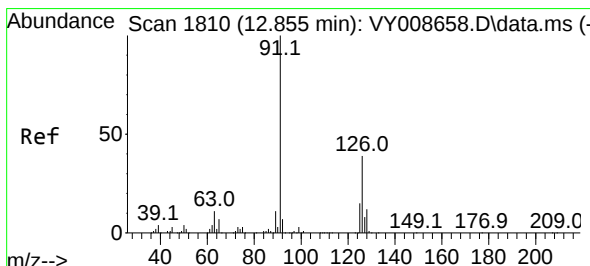
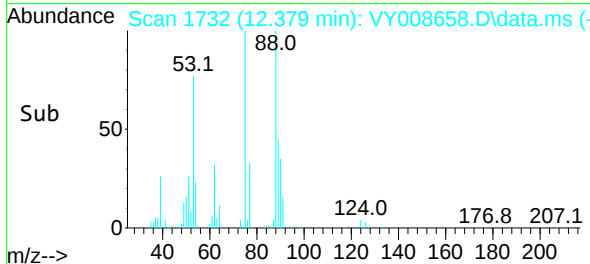
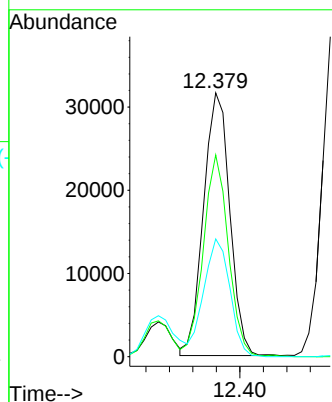
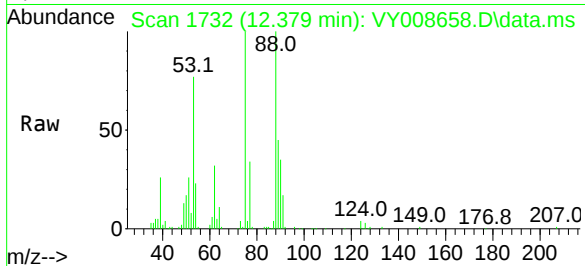




#81
trans-1,4-Dichloro-2-butene
Concen: 43.128 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

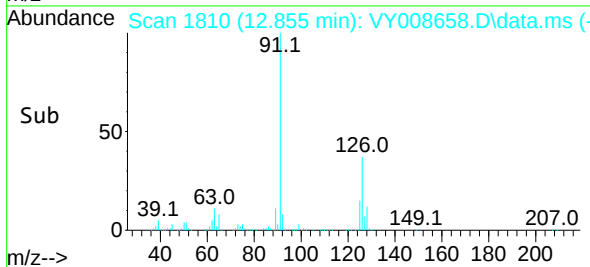
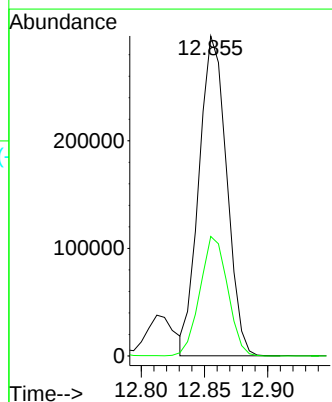
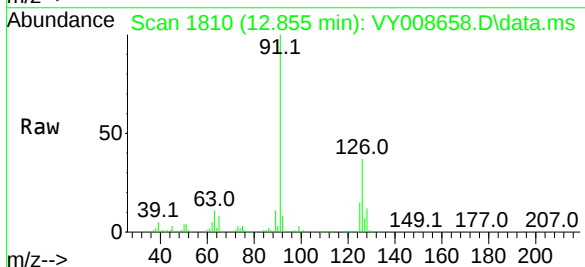
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

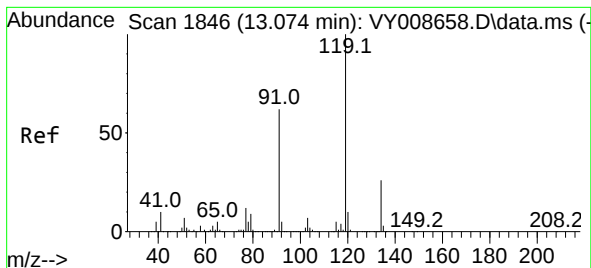
Tgt Ion: 75 Resp: 48997
Ion Ratio Lower Upper
75 100
53 73.8 85.3 127.9#
89 44.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.740 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008658.D
Acq: 09 May 2022 11:41

Tgt Ion: 91 Resp: 452861
Ion Ratio Lower Upper
91 100
126 37.4 17.0 51.0

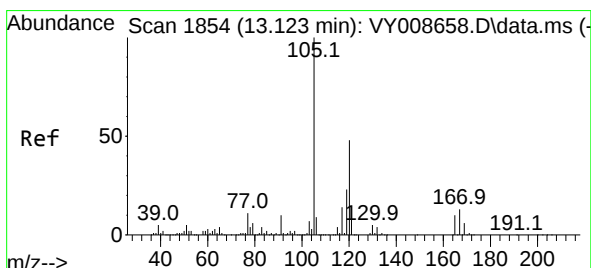
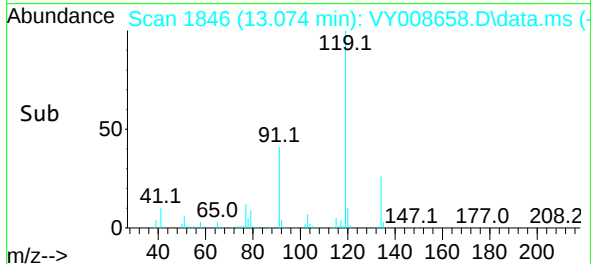
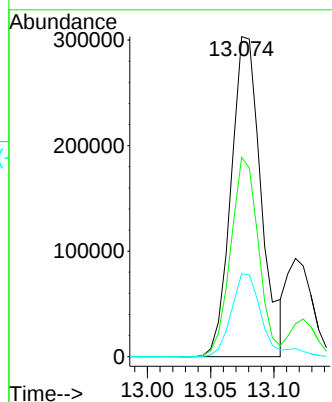
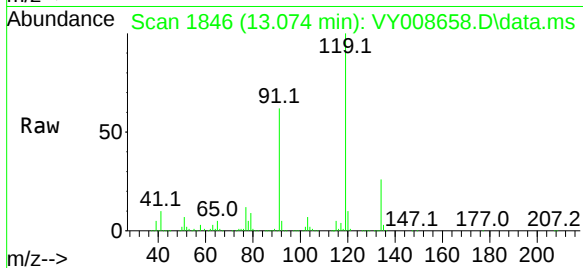




#83
 tert-Butylbenzene
 Concen: 48.887 ug/l
 RT: 13.074 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

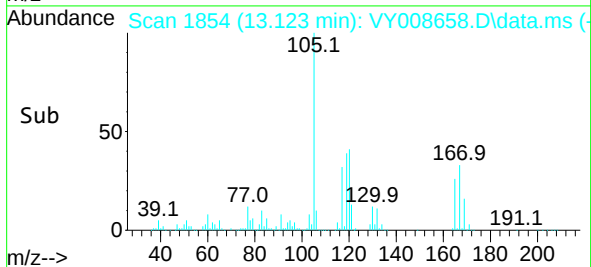
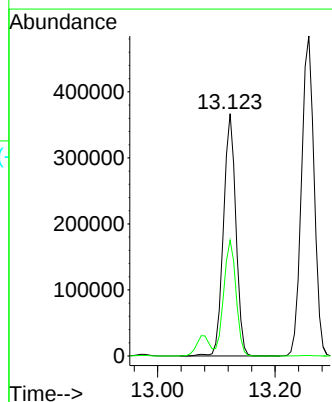
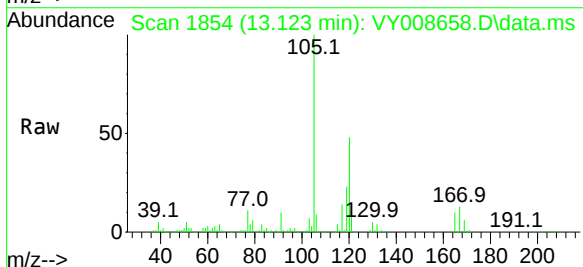
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

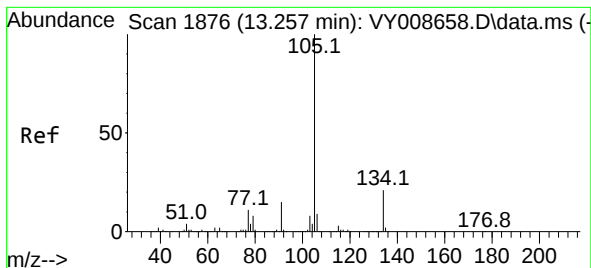
Tgt Ion:119 Resp: 501165
 Ion Ratio Lower Upper
 119 100
 91 57.8 34.8 104.4
 134 26.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.357 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

Tgt Ion:105 Resp: 536435
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.106 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

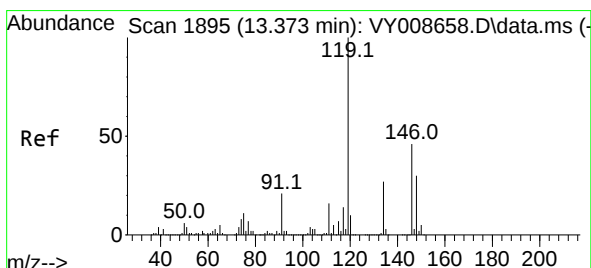
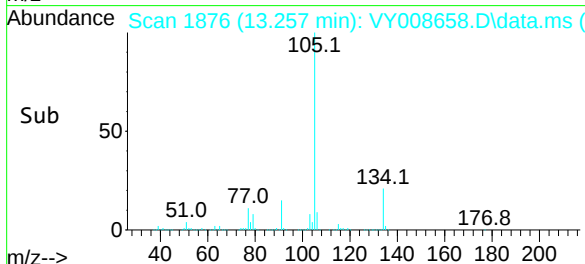
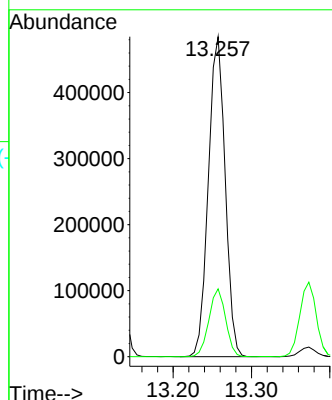
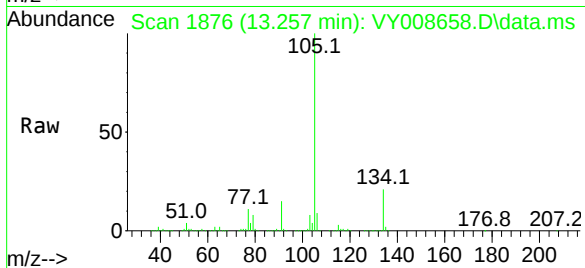
VSTDICCC050

Tgt Ion:105 Resp: 720571

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.184 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

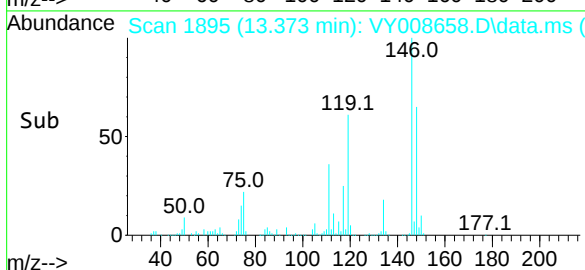
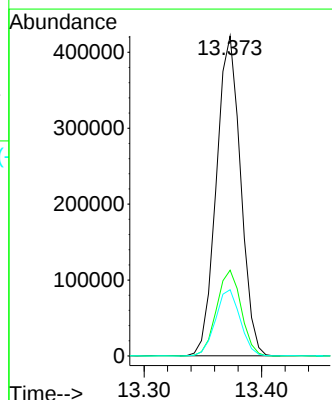
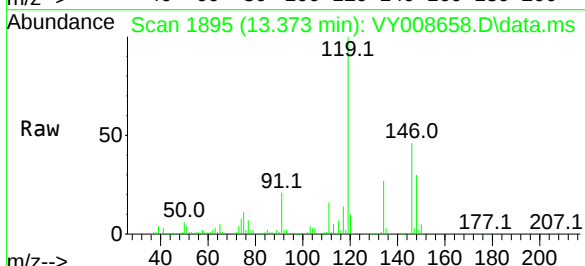
Tgt Ion:119 Resp: 604836

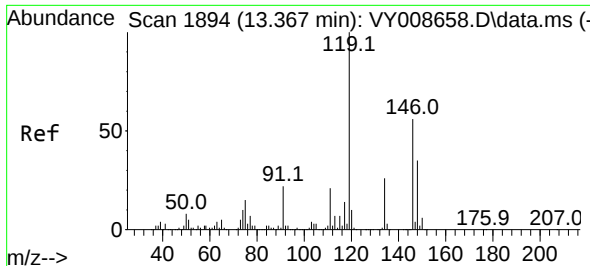
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 21.0 12.4 37.2

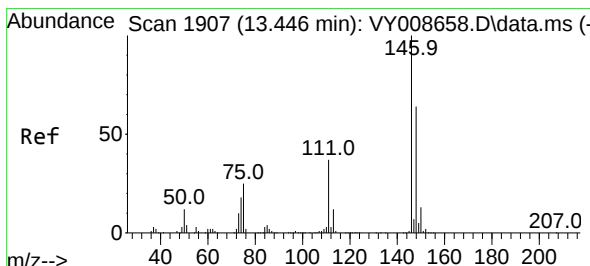
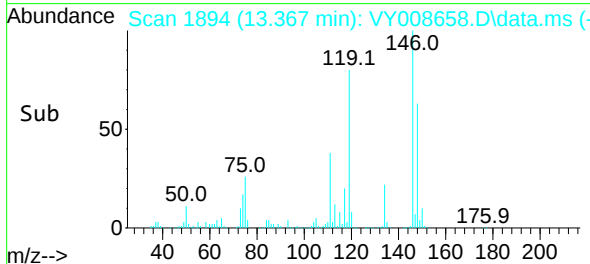
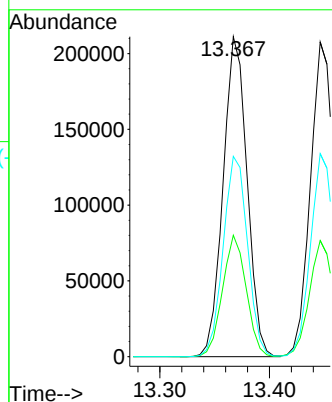
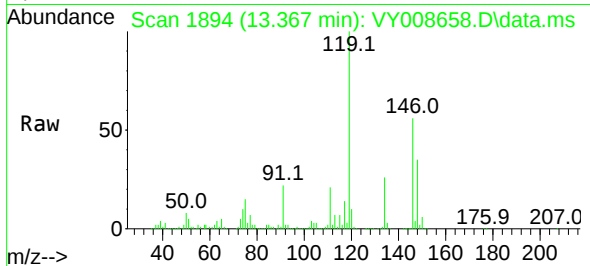




#87
 1,3-Dichlorobenzene
 Concen: 47.383 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

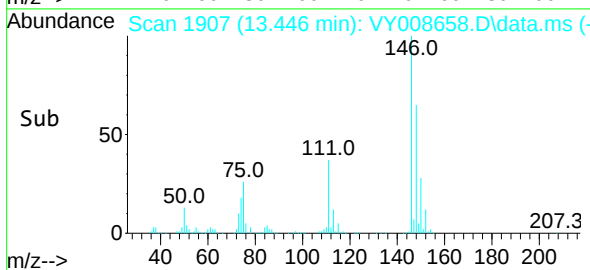
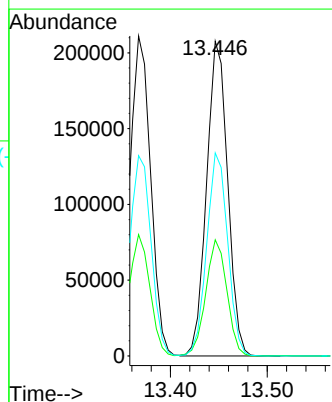
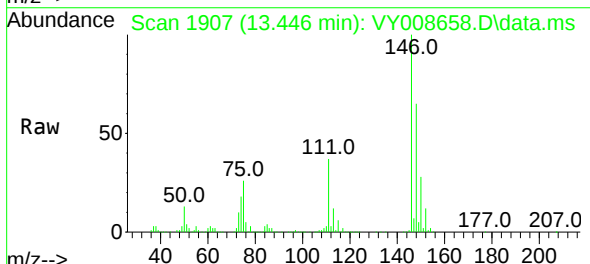
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

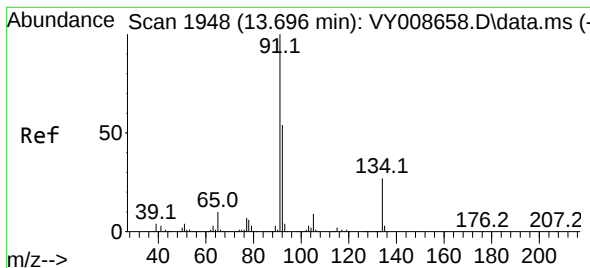
Tgt Ion:146 Resp: 321077
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.5 58.5
 148 63.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.614 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008658.D
 Acq: 09 May 2022 11:41

Tgt Ion:146 Resp: 314992
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.3 57.8
 148 64.4 32.6 97.8





#89

n-Butylbenzene

Concen: 46.340 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

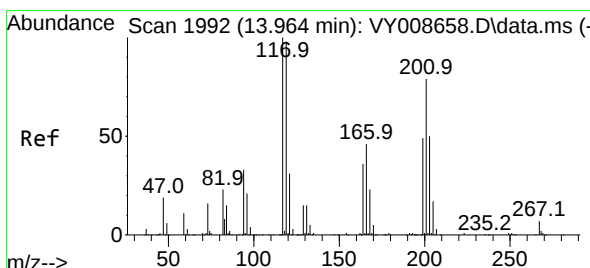
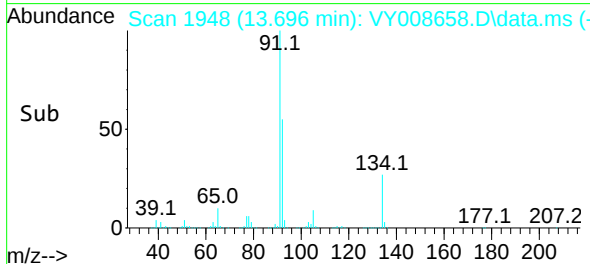
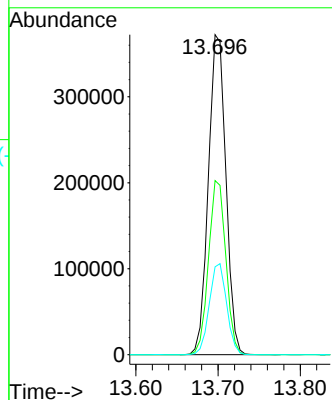
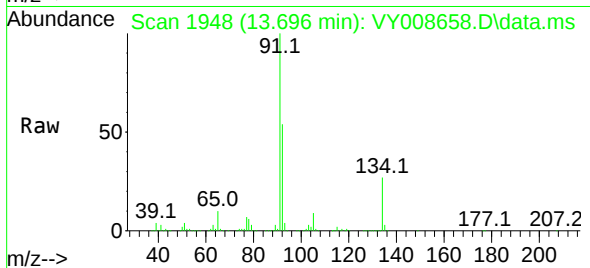
Tgt Ion: 91 Resp: 551031

Ion Ratio Lower Upper

91 100

92 53.7 26.3 78.9

134 28.2 13.0 38.9



#90

Hexachloroethane

Concen: 46.158 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008658.D

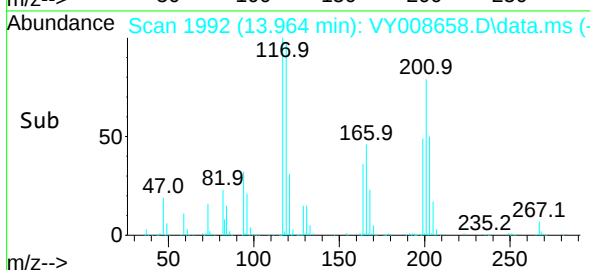
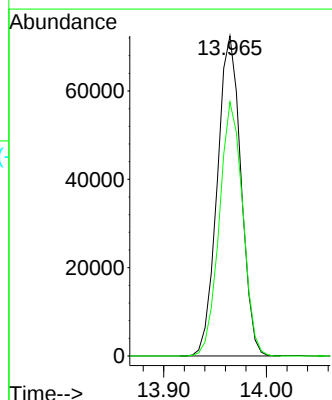
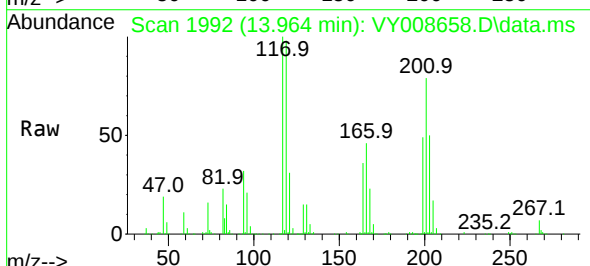
Acq: 09 May 2022 11:41

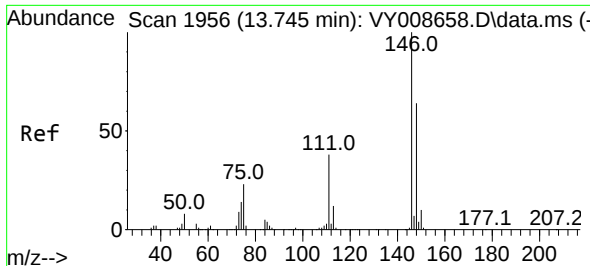
Tgt Ion: 117 Resp: 115981

Ion Ratio Lower Upper

117 100

201 78.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 47.211 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

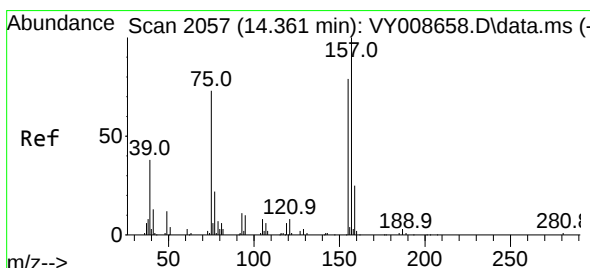
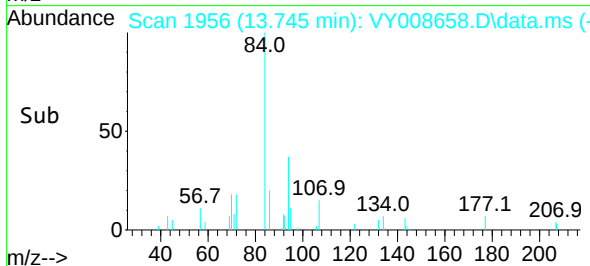
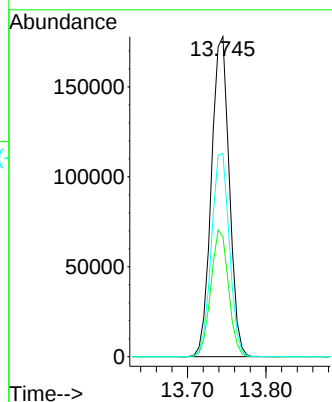
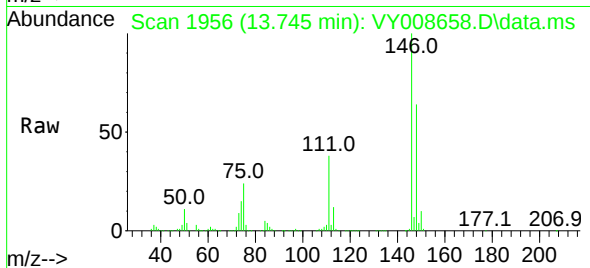
Tgt Ion:146 Resp: 282247

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.9

148 63.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.047 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

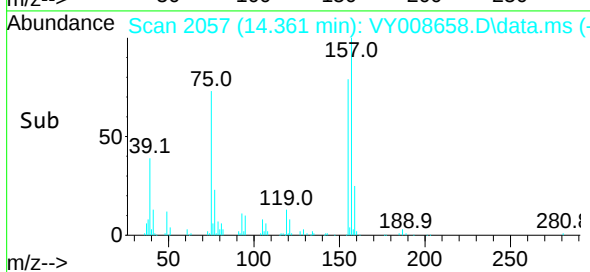
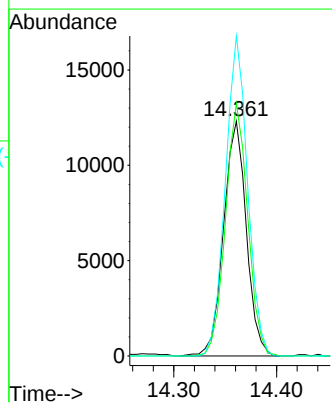
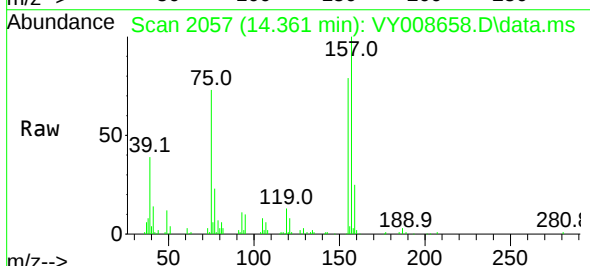
Tgt Ion: 75 Resp: 18911

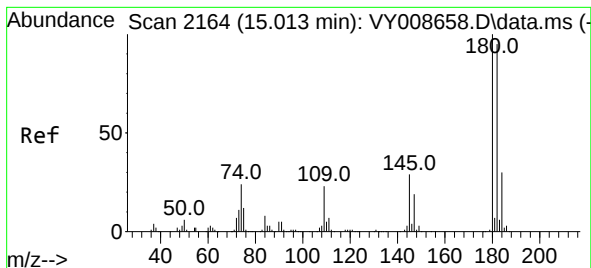
Ion Ratio Lower Upper

75 100

155 105.6 38.0 113.9

157 133.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.149 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

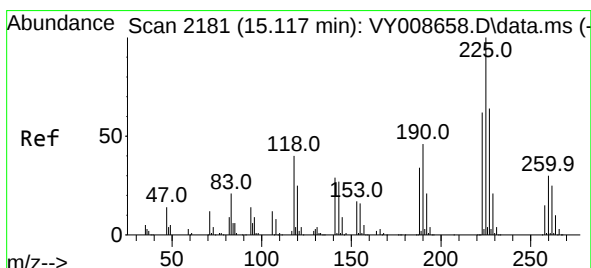
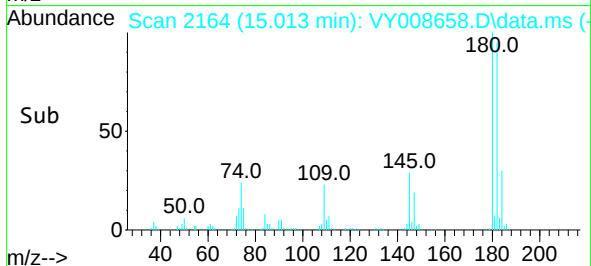
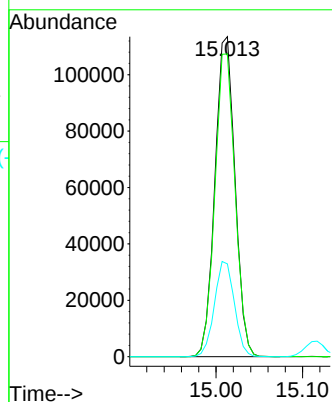
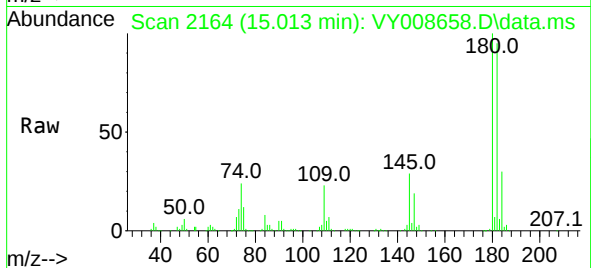
Tgt Ion:180 Resp: 182448

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.285 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

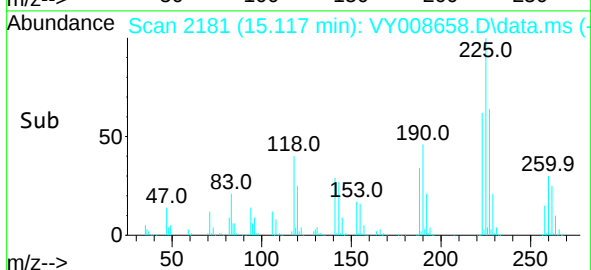
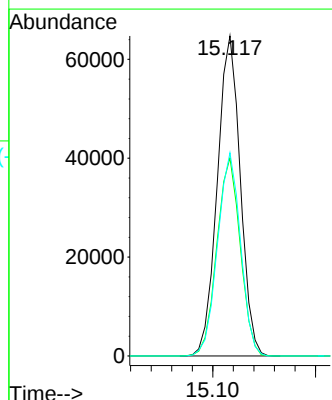
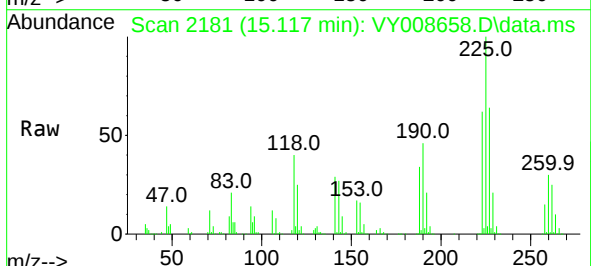
Tgt Ion:225 Resp: 100548

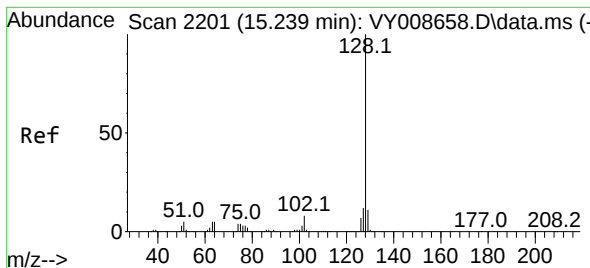
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.3 31.6 94.7





#95

Naphthalene

Concen: 44.376 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

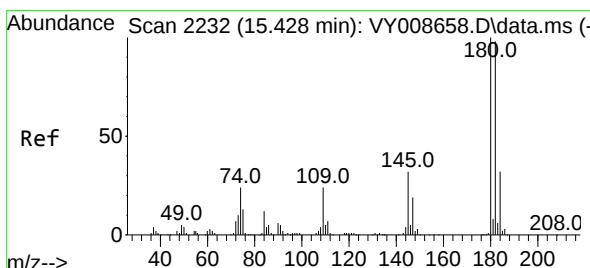
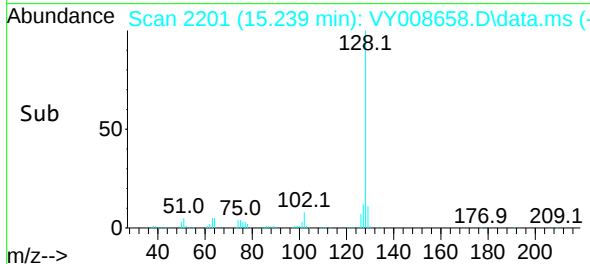
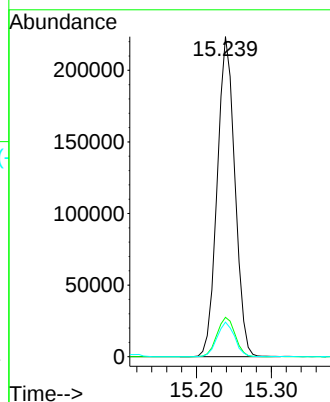
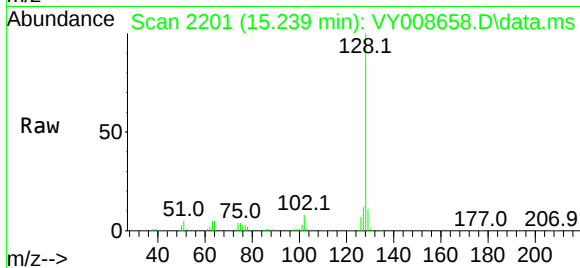
Tgt Ion:128 Resp: 367921

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.464 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY008658.D

Acq: 09 May 2022 11:41

Tgt Ion:180 Resp: 159156

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.9

145 31.8 15.3 45.9

