

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008655.D
 Acq On : 09 May 2022 10:00
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 09 12:41:19 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	244269	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	384248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11720	4.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.040%#
35) Dibromofluoromethane	7.716	113	12508	5.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.640%#
50) Toluene-d8	10.179	98	45284	5.012	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.020%#
62) 4-Bromofluorobenzene	12.483	95	16140	4.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.760%#

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.918	85	6114	4.197	ug/l	90
3) Chloromethane	2.113	50	8269	2.794	ug/l	93
4) Vinyl Chloride	2.260	62	7314	2.699	ug/l	99
5) Bromomethane	2.656	94	8707	2.452	ug/l	98
6) Chloroethane	2.802	64	7496	2.546	ug/l	94
7) Trichlorofluoromethane	3.125	101	12363	3.284	ug/l	98
8) Diethyl Ether	3.528	74	8554	5.278	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.906	101	12444	4.872	ug/l	93
10) Methyl Iodide	4.088	142	20456	5.306	ug/l	# 87
11) Tert butyl alcohol	4.948	59	5900	23.383	ug/l	# 87
12) 1,1-Dichloroethene	3.869	96	12562	5.006	ug/l	# 71
13) Acrolein	3.723	56	3976	25.338	ug/l	95
14) Allyl chloride	4.473	41	17219	4.803	ug/l	# 84
15) Acrylonitrile	5.155	53	18091	23.080	ug/l	96
16) Acetone	3.948	43	14639	24.658	ug/l	# 74
17) Carbon Disulfide	4.192	76	30935	4.710	ug/l	97
18) Methyl Acetate	4.479	43	13868	6.523	ug/l	# 85
19) Methyl tert-butyl Ether	5.210	73	26356	4.975	ug/l	# 89
20) Methylene Chloride	4.716	84	17008	4.971	ug/l	# 69
21) trans-1,2-Dichloroethene	5.210	96	14217	4.612	ug/l	# 79
22) Diisopropyl ether	6.119	45	35978	4.411	ug/l	# 89
23) Vinyl Acetate	6.058	43	95773	17.659	ug/l	# 89
24) 1,1-Dichloroethane	6.015	63	23795	4.590	ug/l	99
25) 2-Butanone	6.984	43	21202	21.520	ug/l	# 83
26) 2,2-Dichloropropane	6.984	77	16111	4.676	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	16144	4.576	ug/l	79
28) Bromochloromethane	7.332	49	9355	4.607	ug/l	# 64
29) Tetrahydrofuran	7.344	42	14289	21.917	ug/l	# 77
30) Chloroform	7.502	83	24954	4.601	ug/l	96
31) Cyclohexane	7.789	56	22984	5.006	ug/l	# 59
32) 1,1,1-Trichloroethane	7.698	97	20184	4.512	ug/l	94
36) 1,1-Dichloropropene	7.917	75	18789	5.003	ug/l	96
37) Ethyl Acetate	7.070	43	10349	5.116	ug/l	# 91
38) Carbon Tetrachloride	7.899	117	18781	5.008	ug/l	96
39) Methylcyclohexane	9.179	83	23393	4.678	ug/l	88
40) Benzene	8.155	78	55419	5.059	ug/l	97

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: May 09 12:41:19 2022
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 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)
41) Methacrylonitrile	7.344	41	12876	12.604	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	14467	4.556	ug/l	88
43) Isopropyl Acetate	8.271	43	17479	4.692	ug/l #	84
44) Trichloroethene	8.941	130	15756	4.935	ug/l	93
45) 1,2-Dichloropropane	9.216	63	13780	5.034	ug/l	98
46) Dibromomethane	9.307	93	8755	4.689	ug/l	98
47) Bromodichloromethane	9.496	83	19150	4.778	ug/l #	95
48) Methyl methacrylate	9.289	41	7207	4.254	ug/l #	76
49) 1,4-Dioxane	9.301	88	2119	103.194	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	46285	22.610	ug/l #	86
52) Toluene	10.246	92	34878	4.597	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	20112	4.335	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	23048	4.800	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	12135	4.494	ug/l	97
56) Ethyl methacrylate	10.508	69	14258	4.118	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	20108	4.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	38221	23.777	ug/l #	89
59) 2-Hexanone	10.831	43	31408	21.551	ug/l	82
60) Dibromochloromethane	10.984	129	14501	4.635	ug/l	99
61) 1,2-Dibromoethane	11.087	107	12168	4.751	ug/l	96
64) Tetrachloroethene	10.721	164	14643	5.406	ug/l	97
65) Chlorobenzene	11.514	112	39044	4.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	14162	4.862	ug/l	92
67) Ethyl Benzene	11.593	91	65871	4.723	ug/l	98
68) m/p-Xylenes	11.703	106	52523	8.572	ug/l	90
69) o-Xylene	12.026	106	24736	4.102	ug/l	92
70) Styrene	12.044	104	39771	3.877	ug/l	94
71) Bromoform	12.209	173	9269	4.325	ug/l #	96
73) Isopropylbenzene	12.331	105	63463	4.286	ug/l	100
74) N-amyl acetate	12.142	43	14945	4.026	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	14750	4.849	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17905	9.002	ug/l #	100
77) Bromobenzene	12.611	156	16813	5.087	ug/l	88
78) n-propylbenzene	12.672	91	74733	4.695	ug/l	96
79) 2-Chlorotoluene	12.758	91	43148	5.049	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	51668	4.912	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	4904	4.583	ug/l #	78
82) 4-Chlorotoluene	12.855	91	45601	5.104	ug/l	96
83) tert-Butylbenzene	13.075	119	46226	4.788	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	50931	4.774	ug/l	95
85) sec-Butylbenzene	13.251	105	68932	4.784	ug/l	99
86) p-Isopropyltoluene	13.373	119	55321	4.582	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	32333	5.066	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	32916	5.172	ug/l	97
89) n-Butylbenzene	13.703	91	52106	4.652	ug/l	98
90) Hexachloroethane	13.959	117	11103	4.691	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	28451	5.053	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2363	5.047	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	18066	4.957	ug/l	99
94) Hexachlorobutadiene	15.111	225	9853	5.128	ug/l	95
95) Naphthalene	15.239	128	36668	4.696	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	15444	4.787	ug/l	94

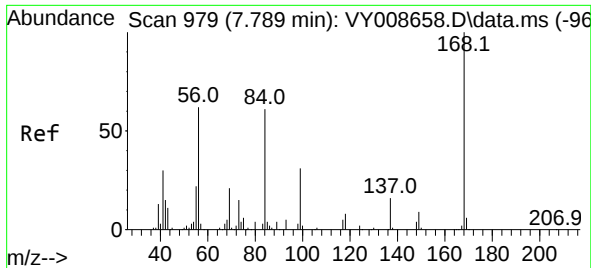
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
Data File : VY008655.D
Acq On : 09 May 2022 10:00
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: May 09 12:41:19 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)
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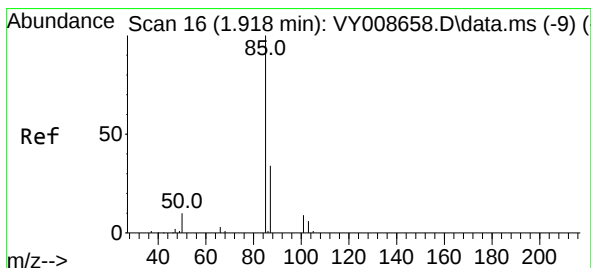
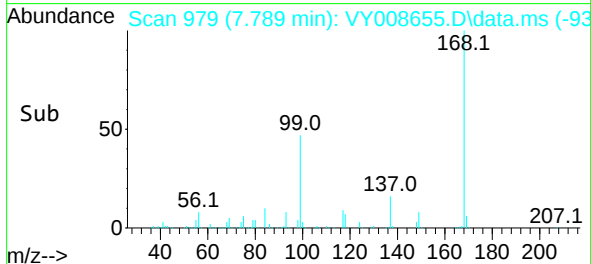
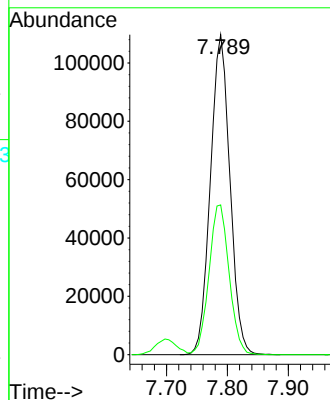
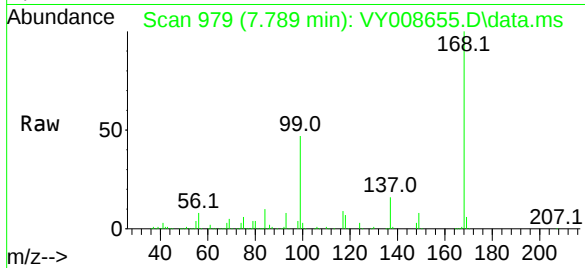
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

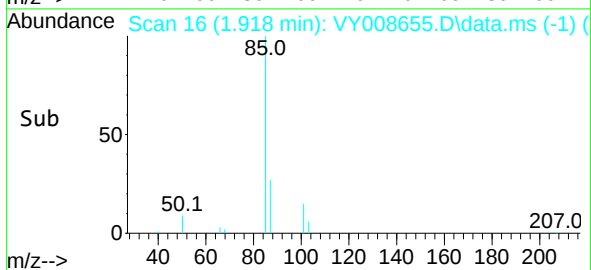
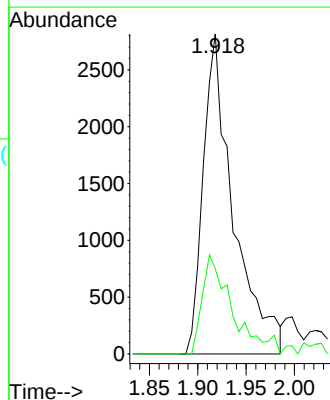
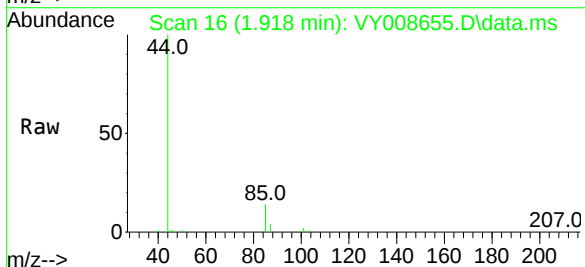
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

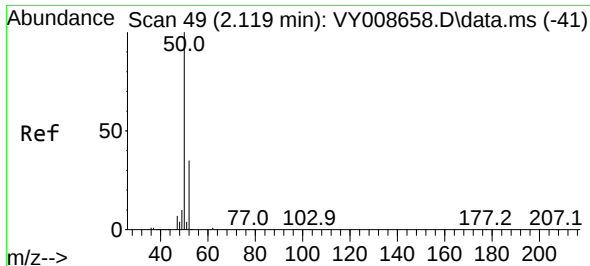
Tgt Ion:168 Resp: 244269
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 4.197 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 85 Resp: 6114
Ion Ratio Lower Upper
85 100
87 26.7 16.1 48.2

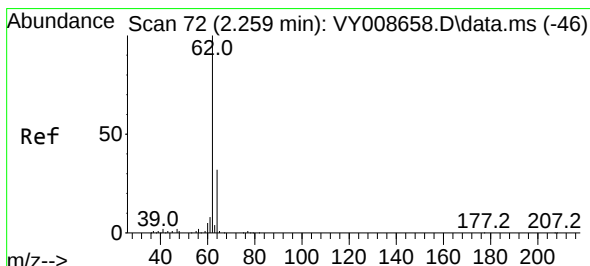
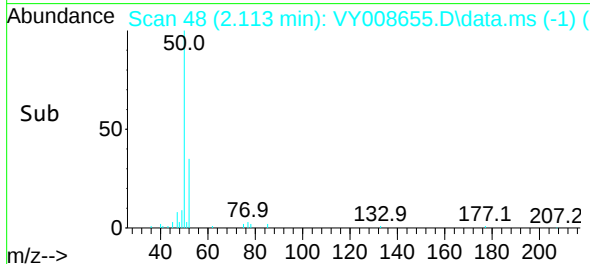
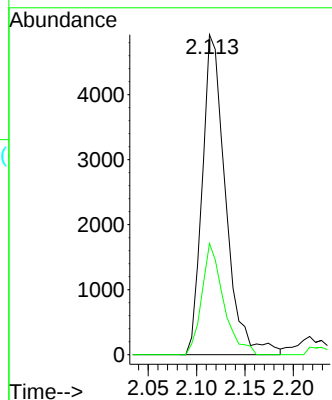
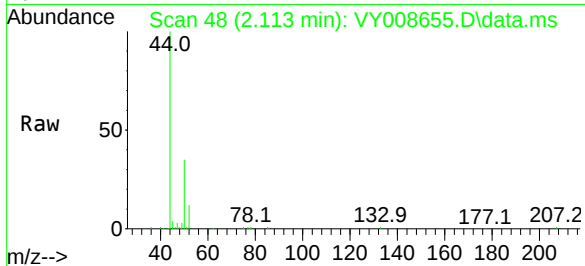




#3
Chloromethane
Concen: 2.794 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

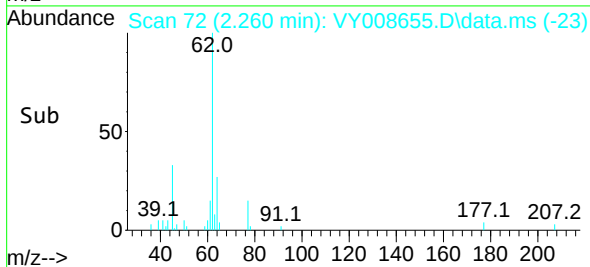
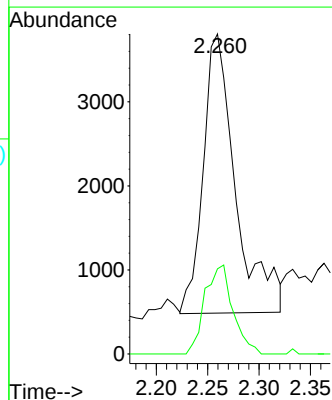
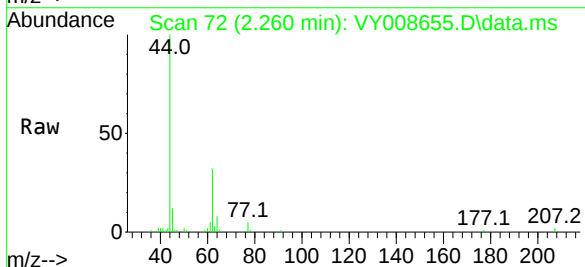
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

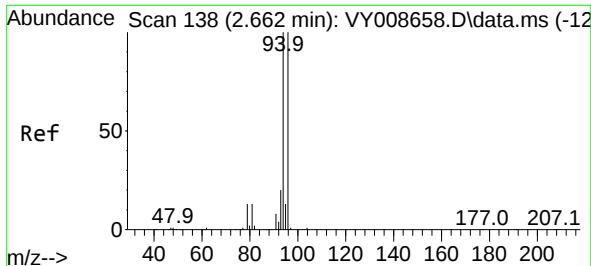
Tgt Ion: 50 Resp: 8269
Ion Ratio Lower Upper
50 100
52 34.7 24.6 37.0



#4
Vinyl Chloride
Concen: 2.699 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 62 Resp: 7314
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

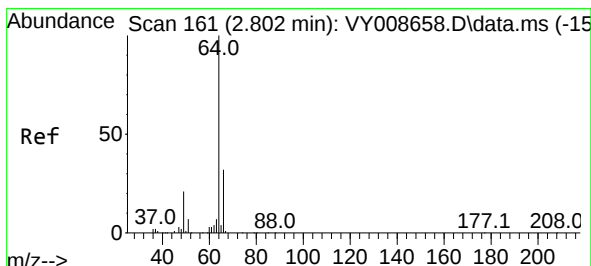
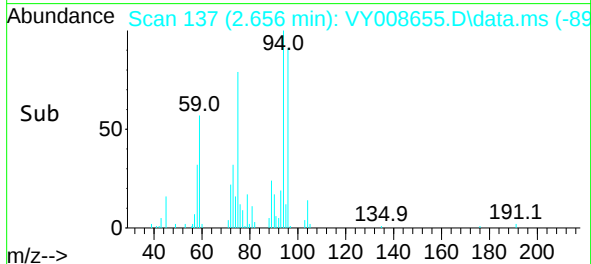
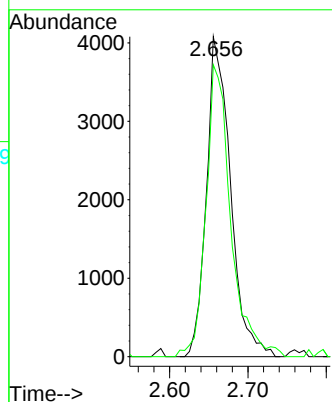
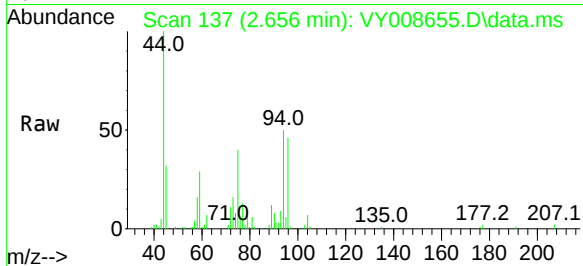




#5
Bromomethane
Concen: 2.452 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

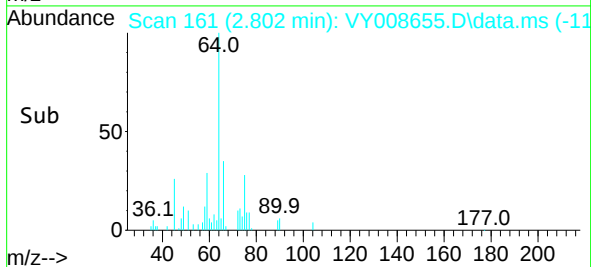
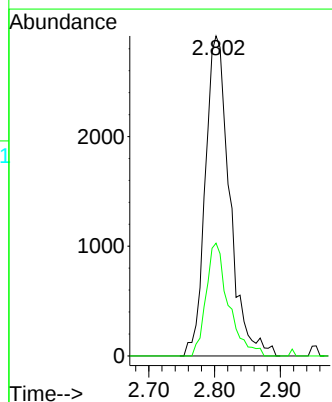
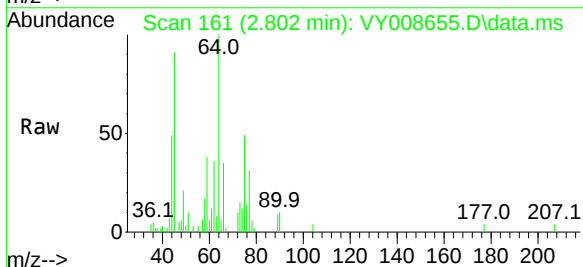
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

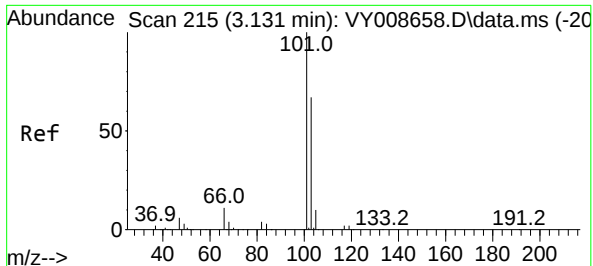
Tgt Ion: 94 Resp: 8707
Ion Ratio Lower Upper
94 100
96 89.6 73.5 110.3



#6
Chloroethane
Concen: 2.546 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 64 Resp: 7496
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0

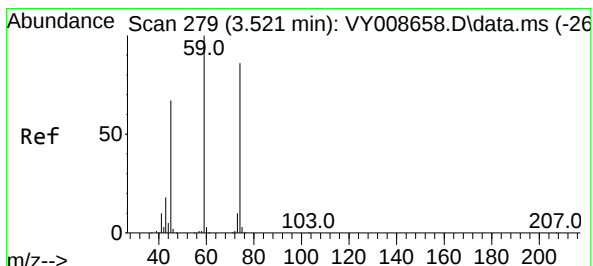
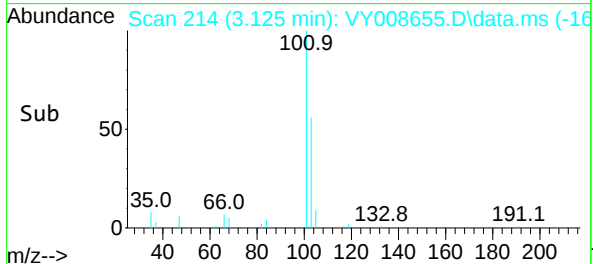
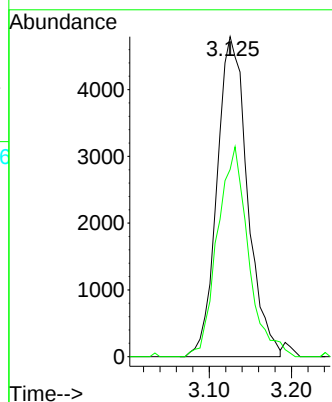
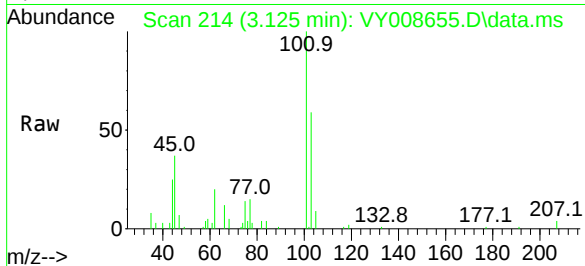




#7
Trichlorofluoromethane
Concen: 3.284 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

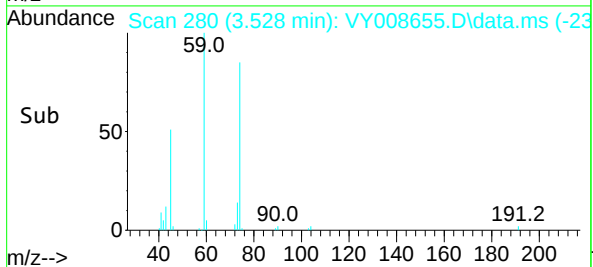
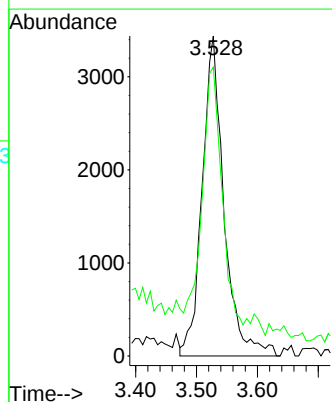
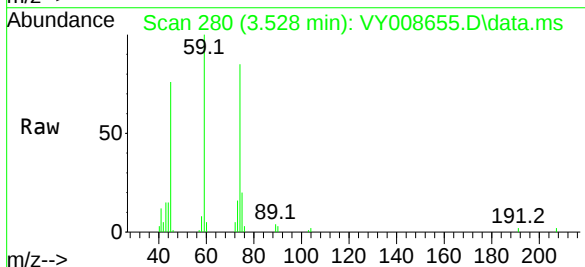
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

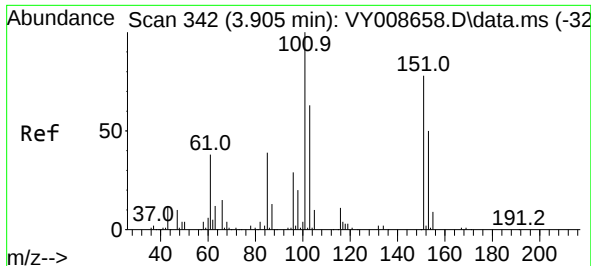
Tgt Ion:101 Resp: 12363
Ion Ratio Lower Upper
101 100
103 58.5 48.0 72.0



#8
Diethyl Ether
Concen: 5.278 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 74 Resp: 8554
Ion Ratio Lower Upper
74 100
45 71.6 55.1 165.5

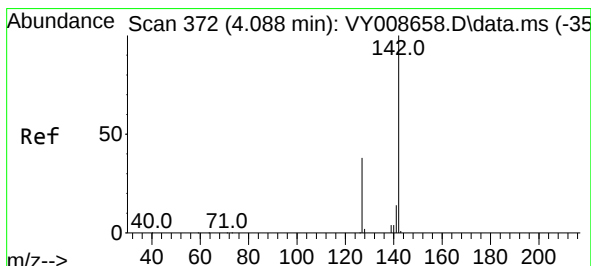
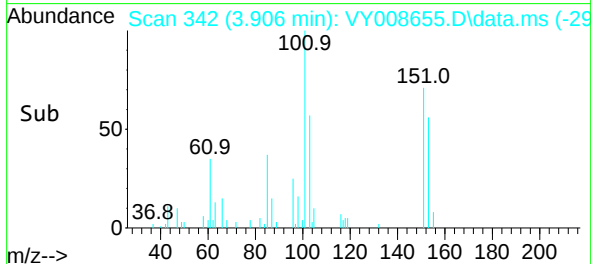
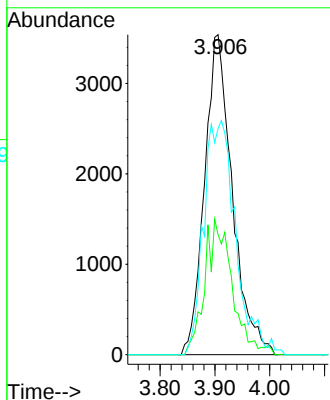
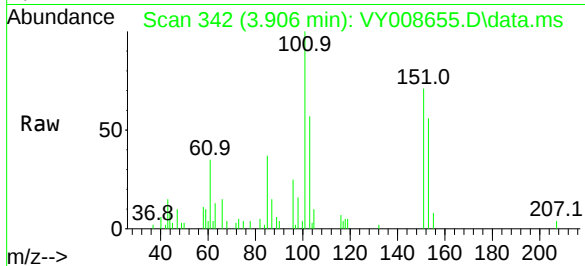




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.872 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

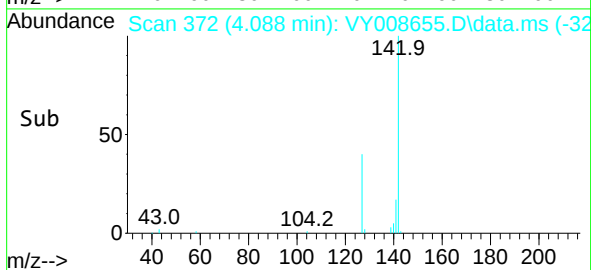
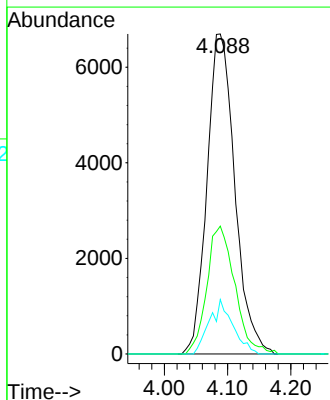
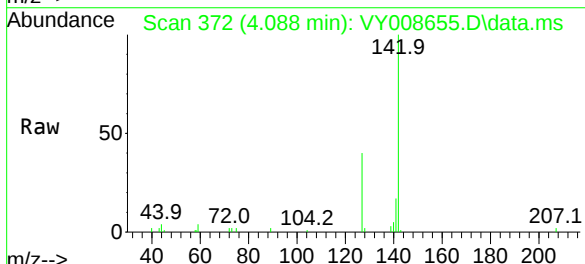
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

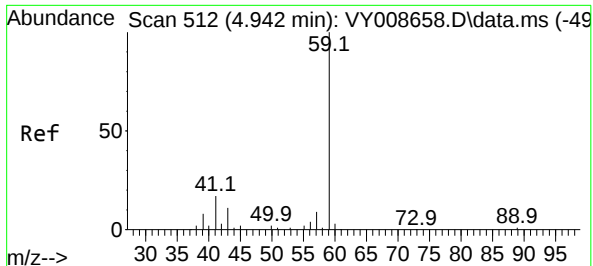
Tgt Ion:101 Resp: 12444
Ion Ratio Lower Upper
101 100
85 41.4 40.6 60.8
151 83.4 64.9 97.3



#10
Methyl Iodide
Concen: 5.306 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:142 Resp: 20456
Ion Ratio Lower Upper
142 100
127 40.1 41.5 62.3#
141 14.3 11.9 17.9

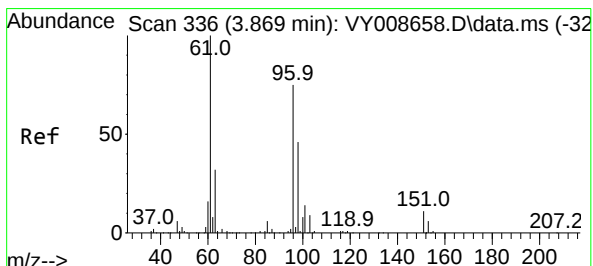
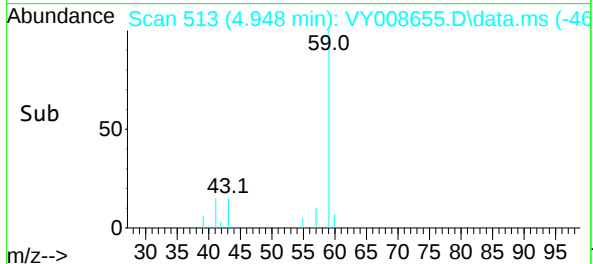
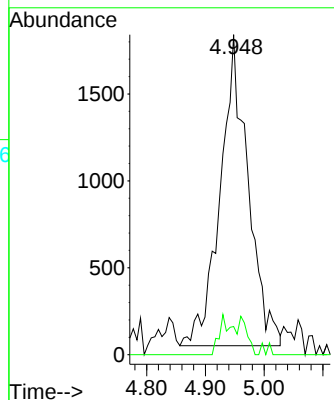
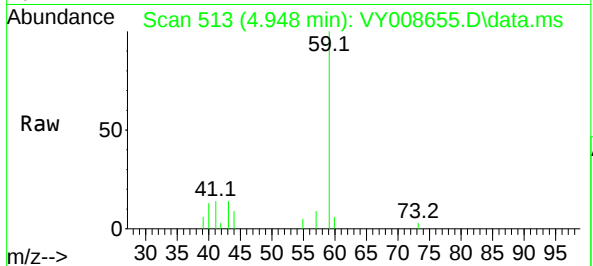




#11
Tert butyl alcohol
Concen: 23.383 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

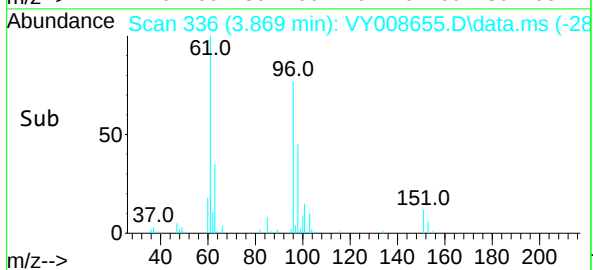
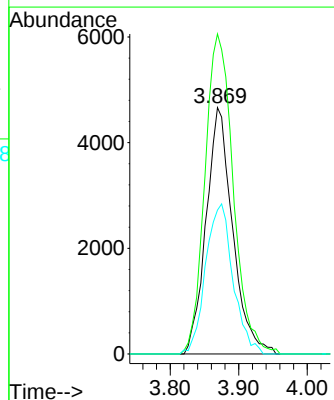
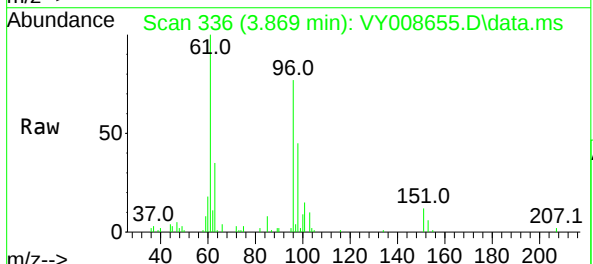
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

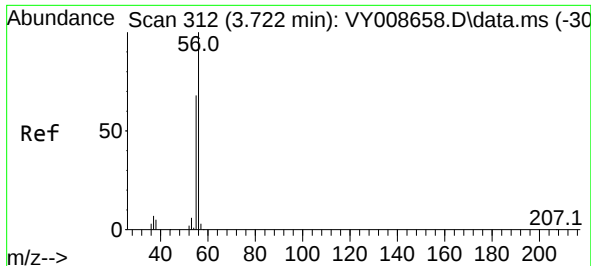
Tgt Ion: 59 Resp: 5900
Ion Ratio Lower Upper
59 100
57 3.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 5.006 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 96 Resp: 12562
Ion Ratio Lower Upper
96 100
61 129.9 145.8 218.6#
98 58.4 52.5 78.7





#13

Acrolein

Concen: 25.338 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

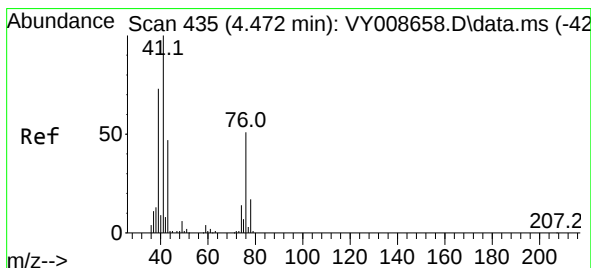
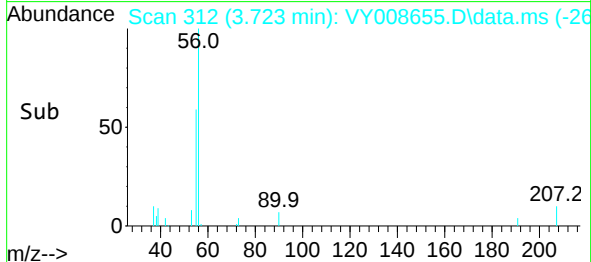
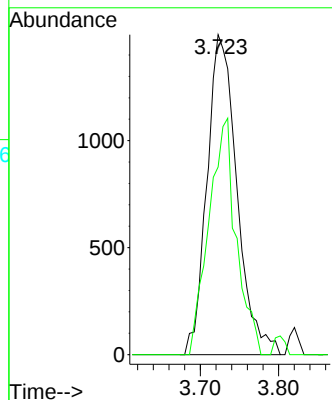
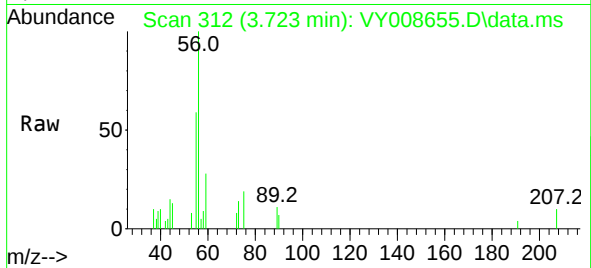
VSTDICC005

Tgt Ion: 56 Resp: 3976

Ion Ratio Lower Upper

56 100

55 67.5 57.6 86.4



#14

Allyl chloride

Concen: 4.803 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

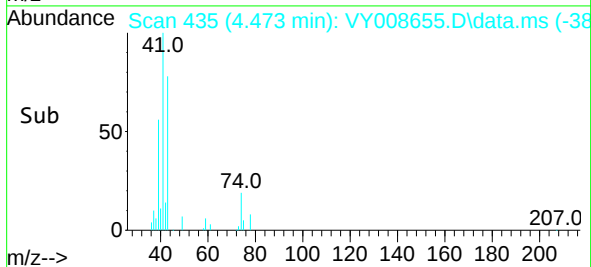
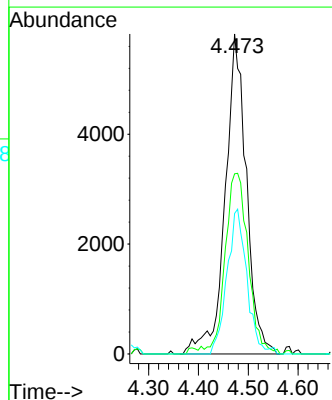
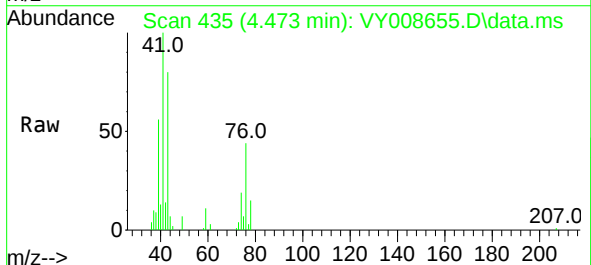
Tgt Ion: 41 Resp: 17219

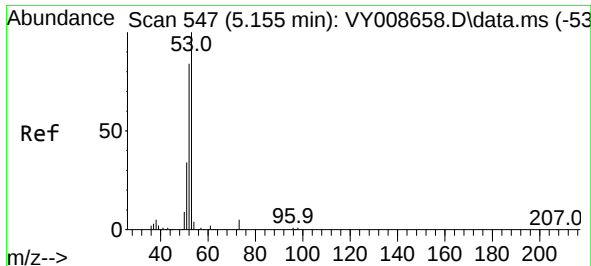
Ion Ratio Lower Upper

41 100

39 61.2 58.8 88.2

76 42.4 25.1 37.7#

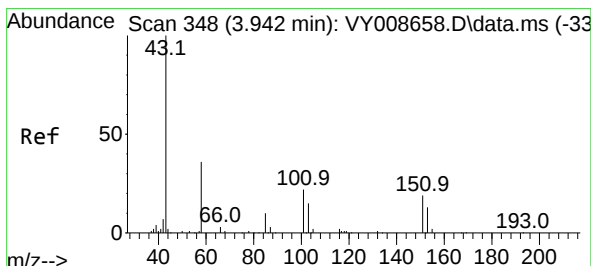
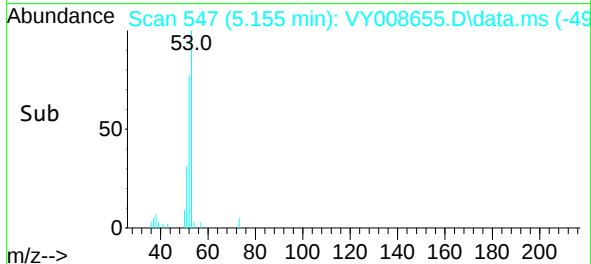
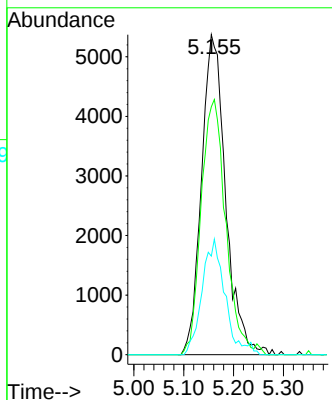
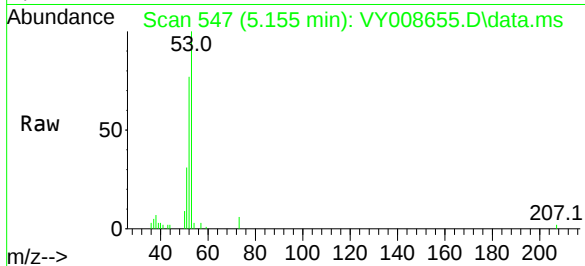




#15
Acrylonitrile
Concen: 23.080 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

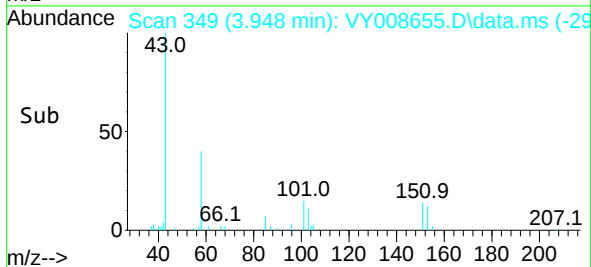
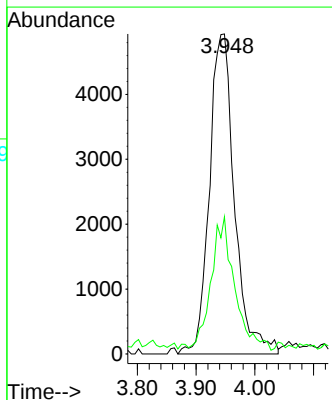
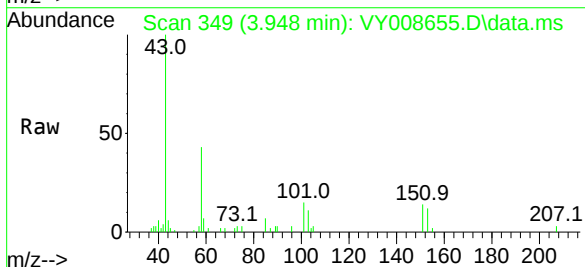
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

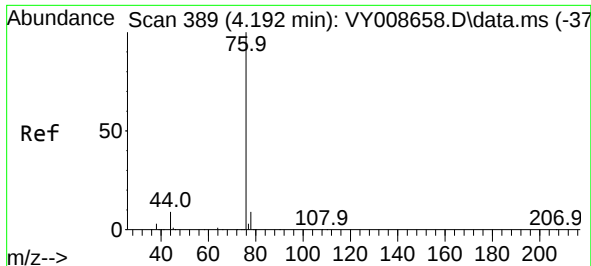
Tgt Ion: 53	Resp: 18091
Ion Ratio	Lower Upper
53 100	
52 80.5	67.0 100.4
51 34.3	29.8 44.6



#16
Acetone
Concen: 24.658 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 43	Resp: 14639
Ion Ratio	Lower Upper
43 100	
58 41.3	22.0 33.0#

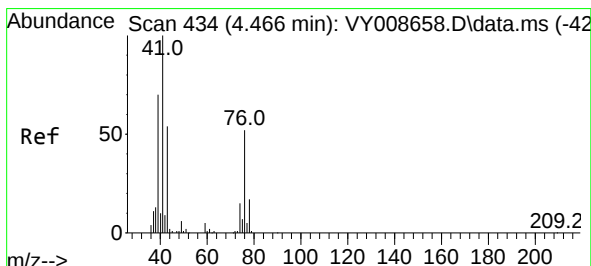
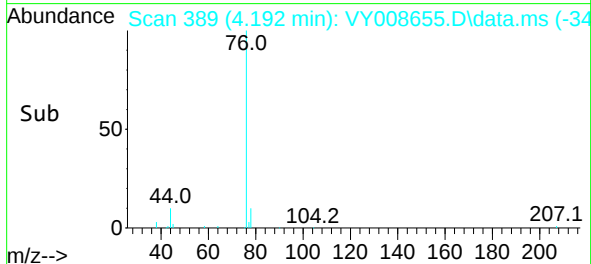
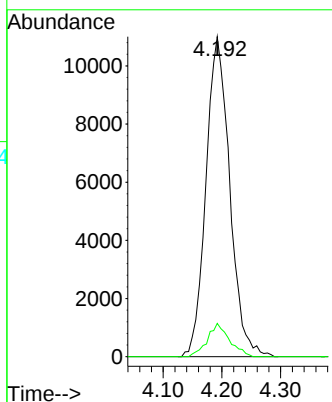
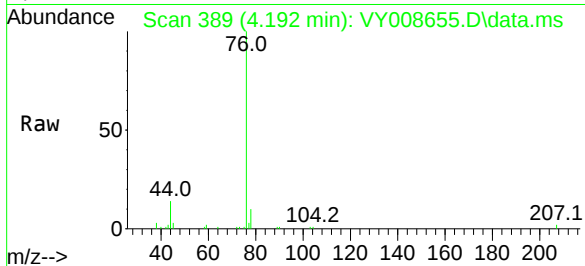




#17
Carbon Disulfide
Concen: 4.710 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

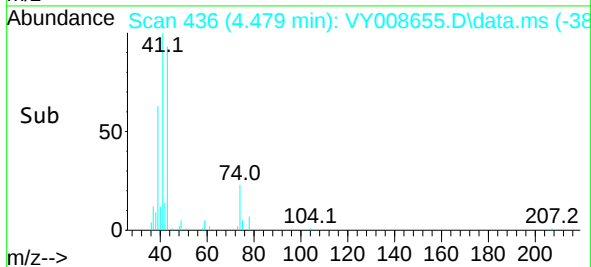
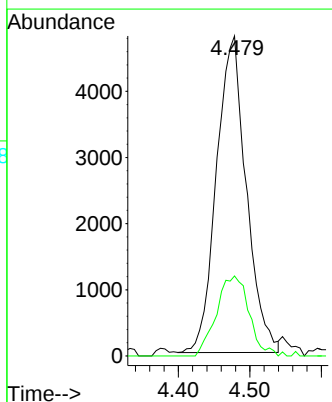
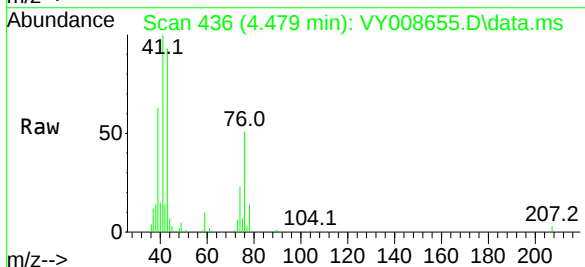
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

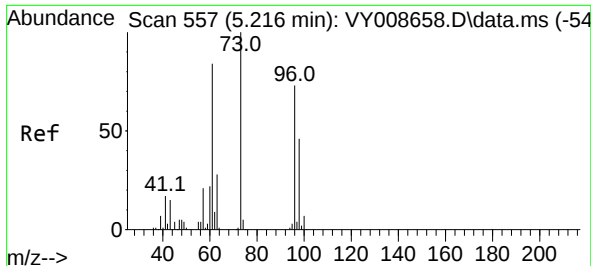
Tgt Ion: 76 Resp: 30935
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#18
Methyl Acetate
Concen: 6.523 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 43 Resp: 13868
Ion Ratio Lower Upper
43 100
74 27.5 16.6 24.8#

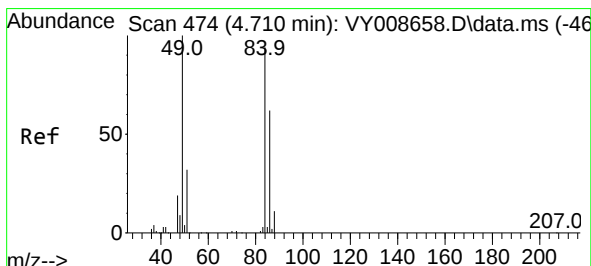
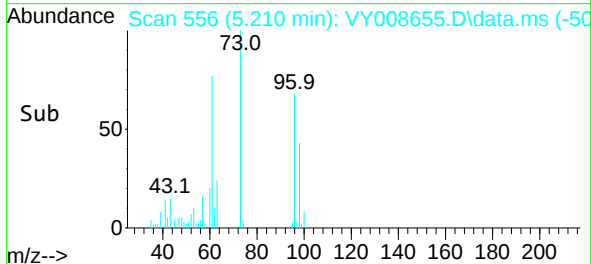
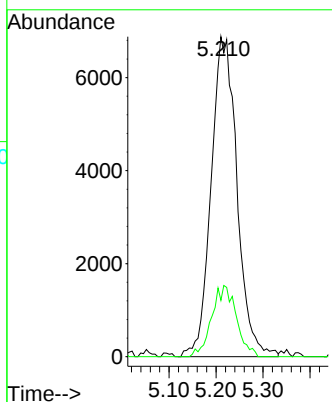
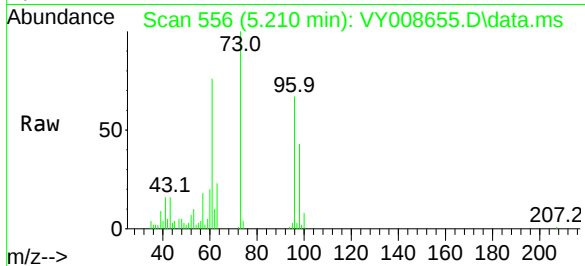




#19
Methyl tert-butyl Ether
Concen: 4.975 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

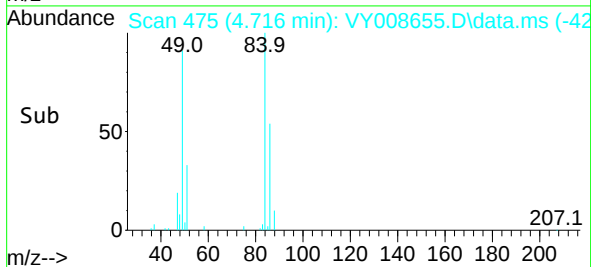
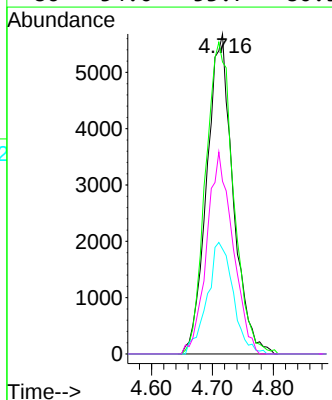
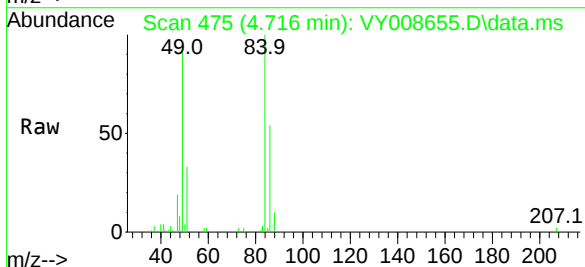
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

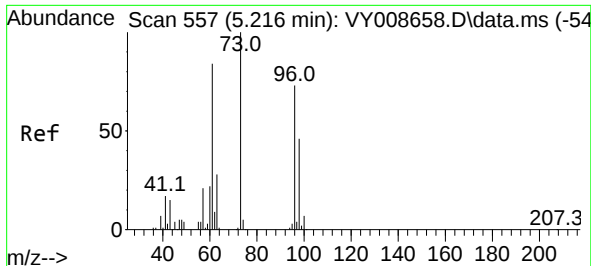
Tgt Ion: 73 Resp: 26356
Ion Ratio Lower Upper
73 100
57 17.6 18.6 27.8#



#20
Methylene Chloride
Concen: 4.971 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 84 Resp: 17008
Ion Ratio Lower Upper
84 100
49 91.3 114.4 171.6#
51 32.8 35.3 52.9#
86 54.0 53.7 80.5

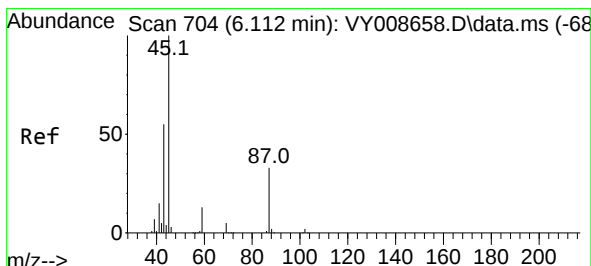
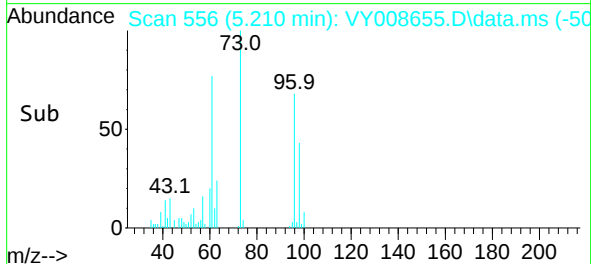
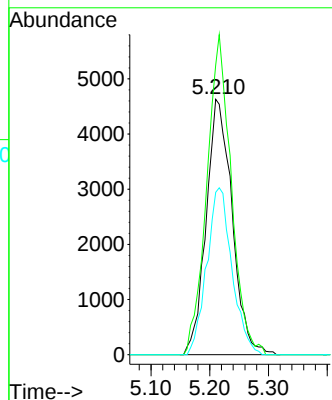
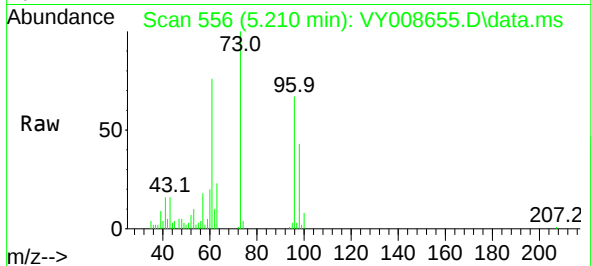




#21
trans-1,2-Dichloroethene
Concen: 4.612 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

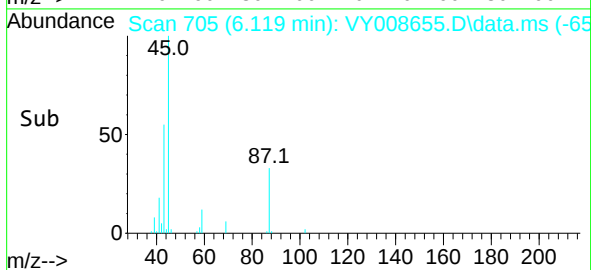
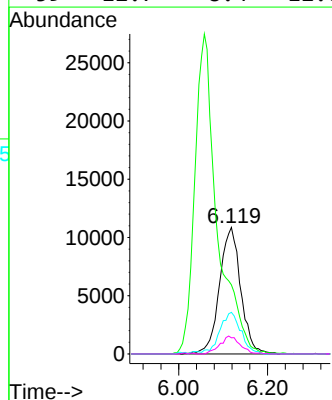
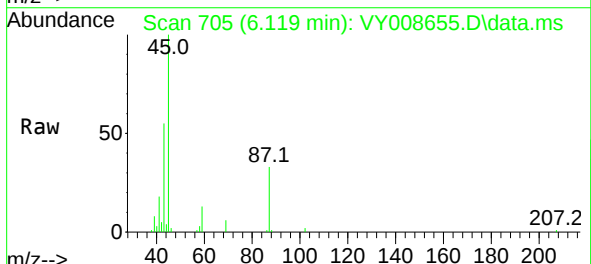
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

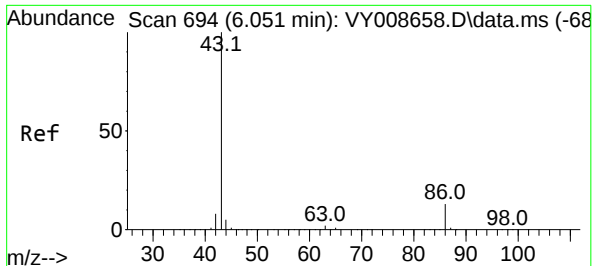
Tgt Ion: 96 Resp: 14217
Ion Ratio Lower Upper
96 100
61 113.4 120.5 180.7#
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 4.411 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 45 Resp: 35978
Ion Ratio Lower Upper
45 100
43 54.2 49.3 73.9
87 32.9 19.2 28.8#
59 12.7 8.4 12.6#

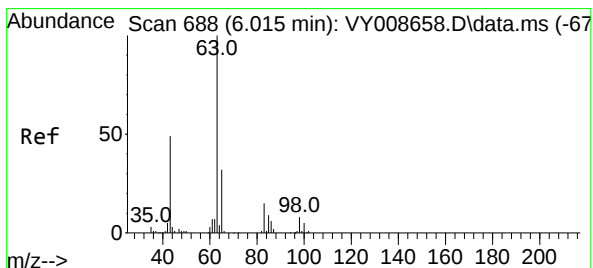
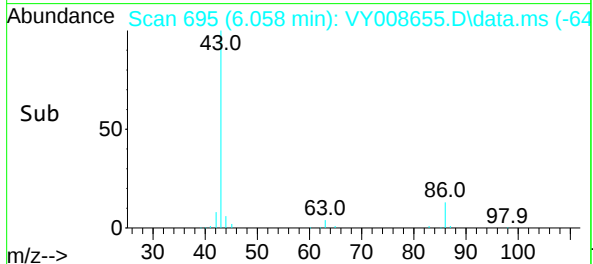
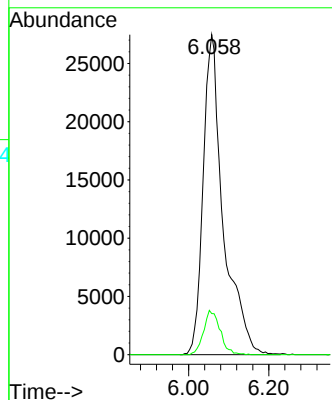
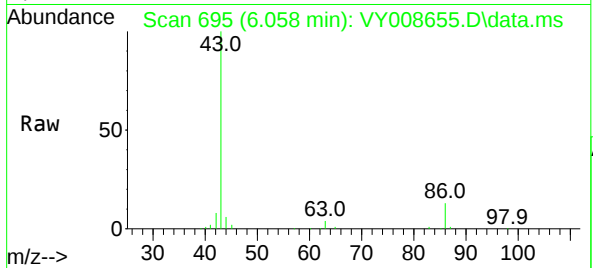




#23
 Vinyl Acetate
 Concen: 17.659 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

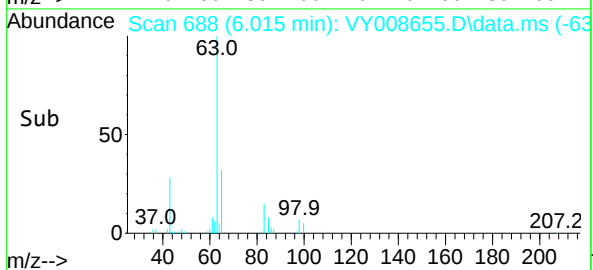
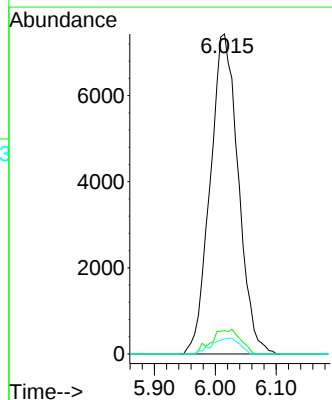
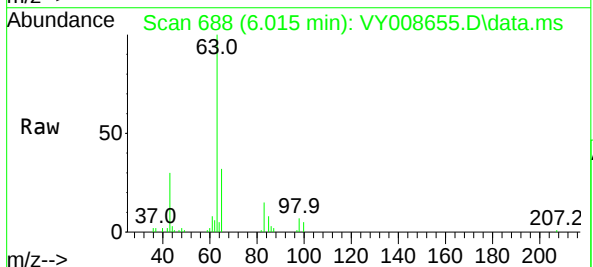
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

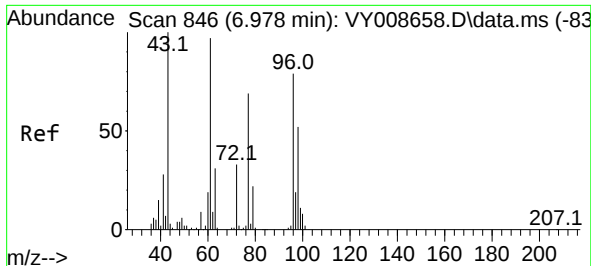
Tgt Ion: 43 Resp: 95773
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.590 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

Tgt Ion: 63 Resp: 23795
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 21.520 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

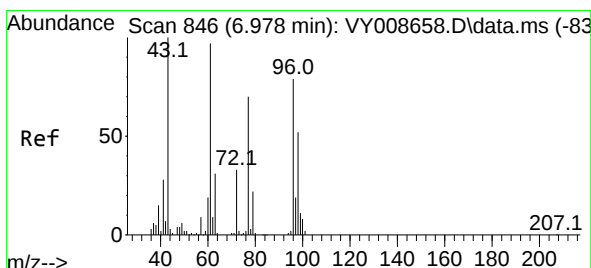
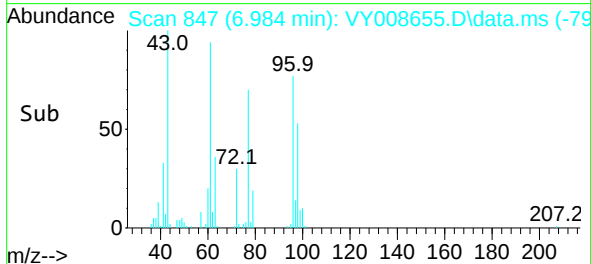
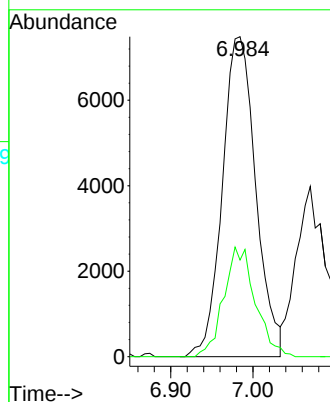
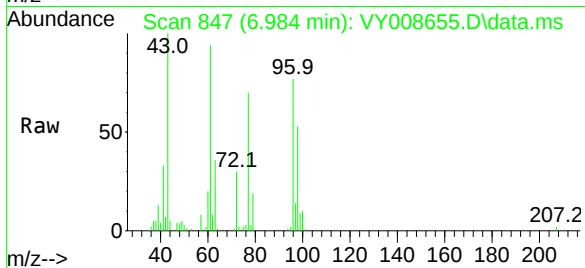
VSTDICC005

Tgt Ion: 43 Resp: 21202

Ion Ratio Lower Upper

43 100

72 30.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 4.676 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008655.D

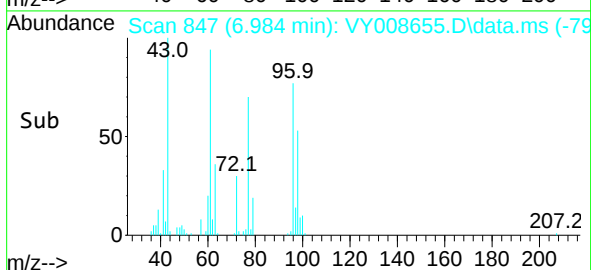
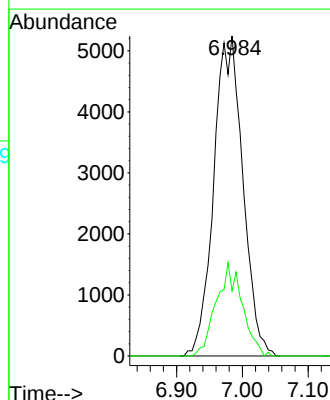
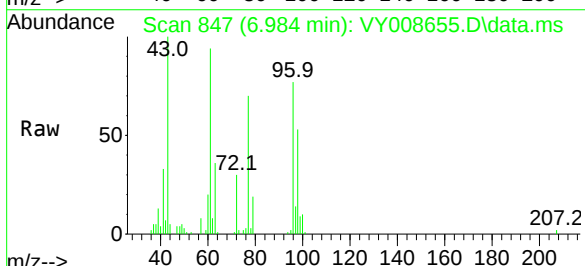
Acq: 09 May 2022 10:00

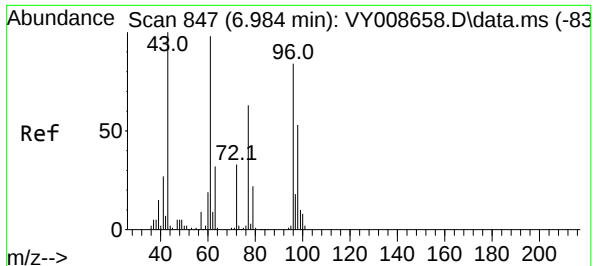
Tgt Ion: 77 Resp: 16111

Ion Ratio Lower Upper

77 100

97 26.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.576 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

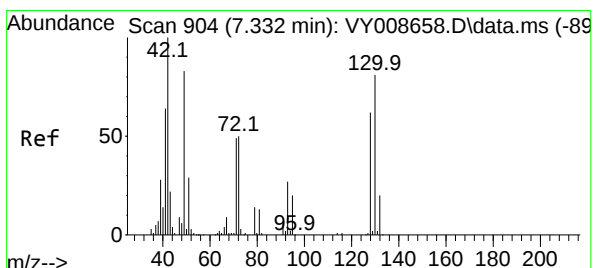
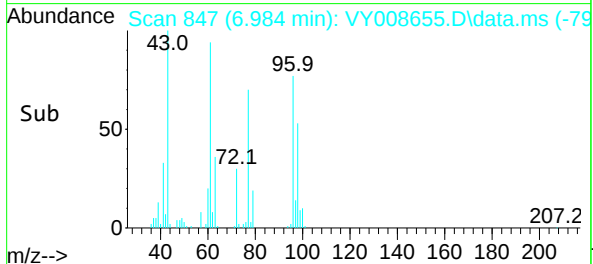
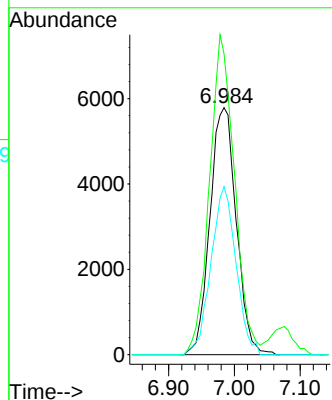
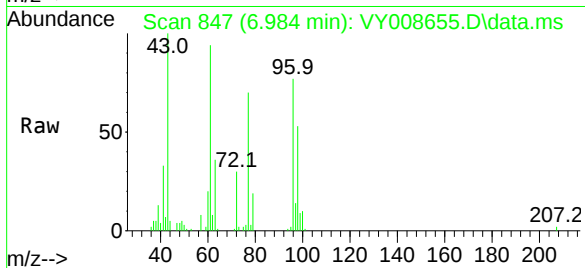
Tgt Ion: 96 Resp: 16144

Ion Ratio Lower Upper

96 100

61 122.9 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 4.607 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

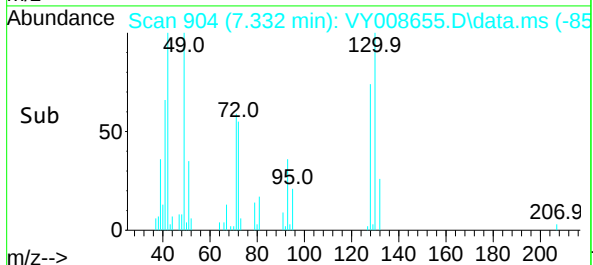
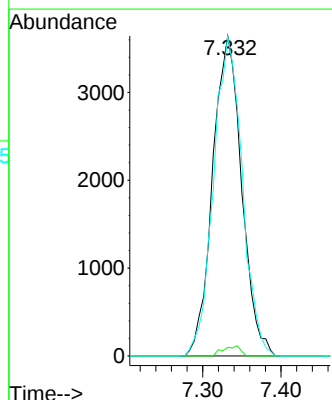
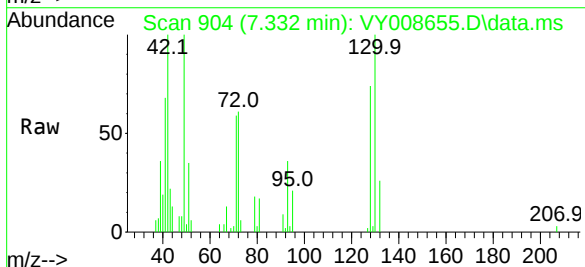
Tgt Ion: 49 Resp: 9355

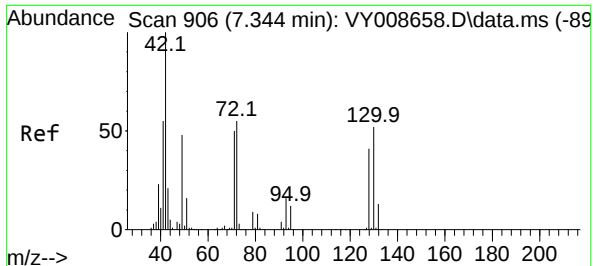
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 99.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 21.917 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

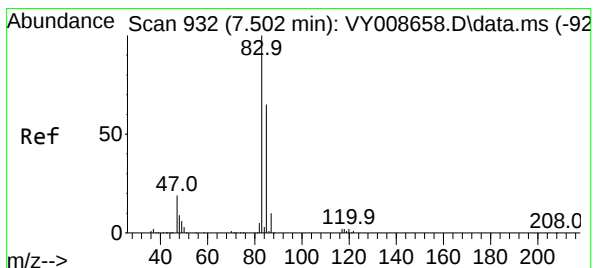
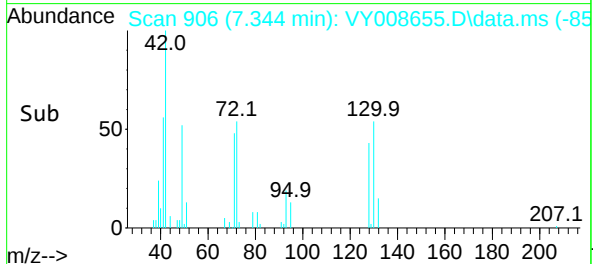
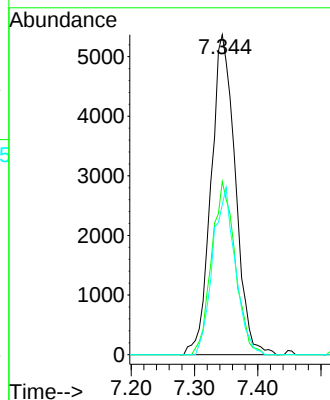
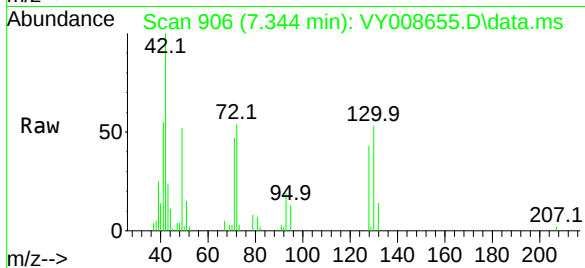
Tgt Ion: 42 Resp: 14289

Ion Ratio Lower Upper

42 100

72 52.5 30.3 45.5#

71 48.8 29.0 43.4#



#30

Chloroform

Concen: 4.601 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008655.D

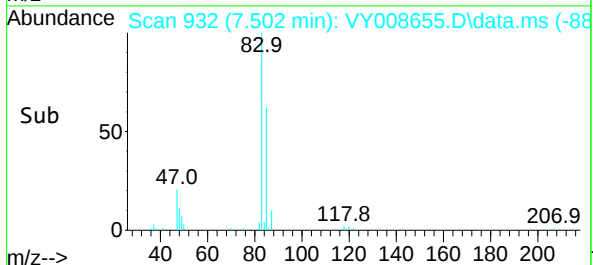
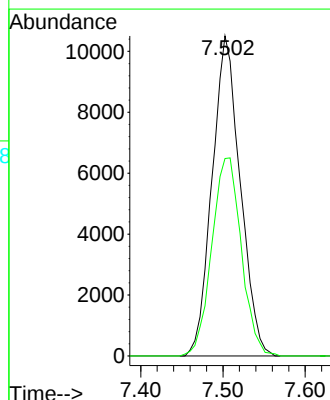
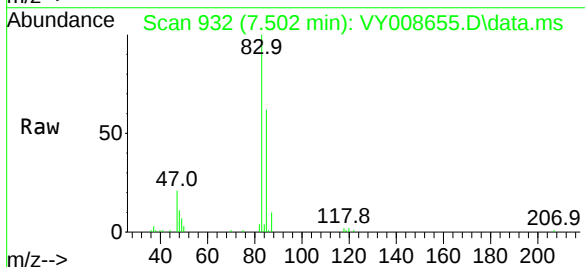
Acq: 09 May 2022 10:00

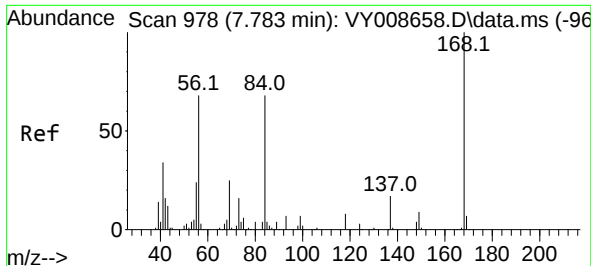
Tgt Ion: 83 Resp: 24954

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.6

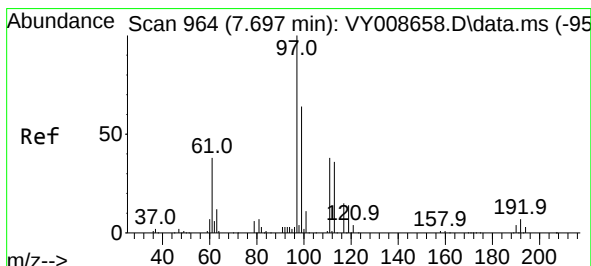
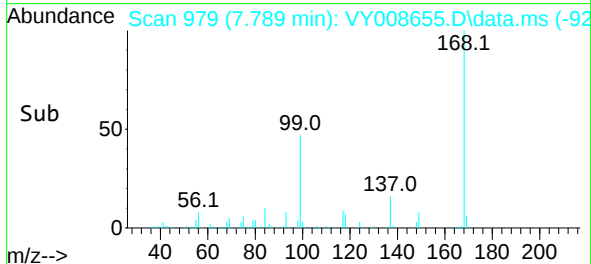
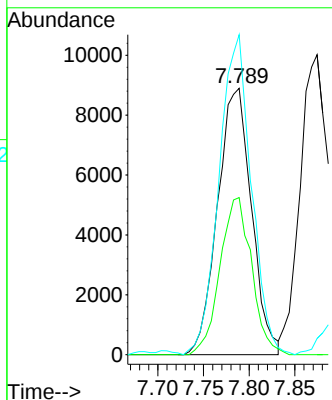
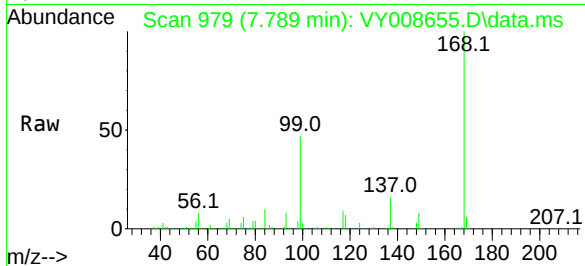




#31
Cyclohexane
Concen: 5.006 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

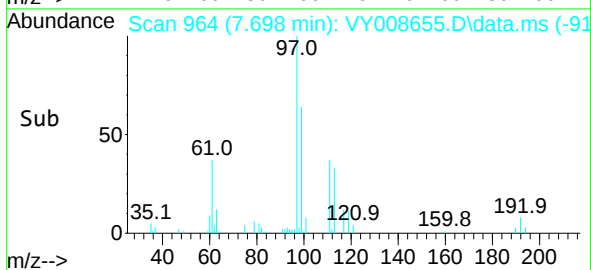
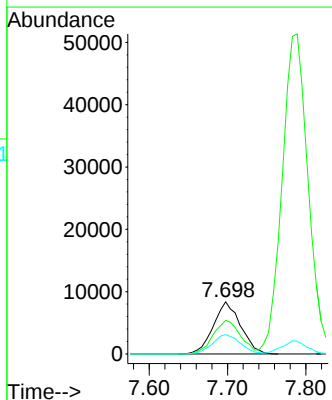
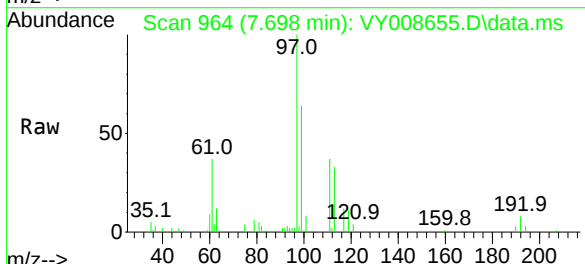
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

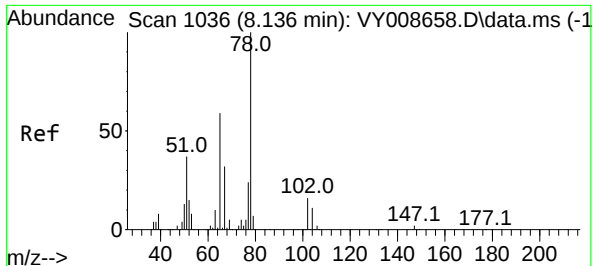
Tgt Ion: 56 Resp: 22984
Ion Ratio Lower Upper
56 100
69 59.0 26.7 40.1#
84 119.5 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.512 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 97 Resp: 20184
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 38.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 4.521 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

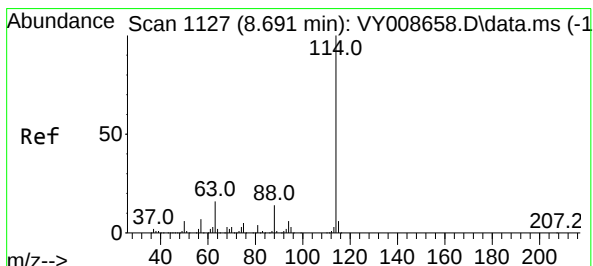
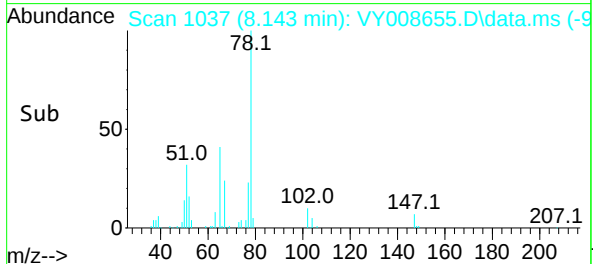
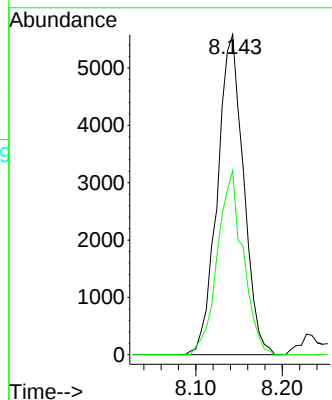
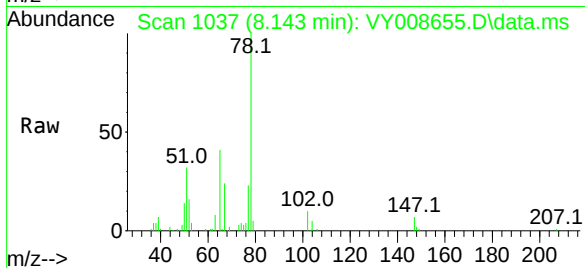
VSTDIC005

Tgt Ion: 65 Resp: 11720

Ion Ratio Lower Upper

65 100

67 56.4 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: VY008655.D

Acq: 09 May 2022 10:00

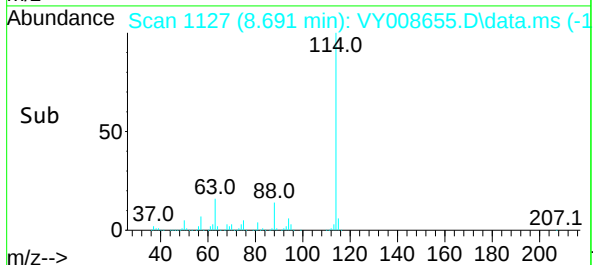
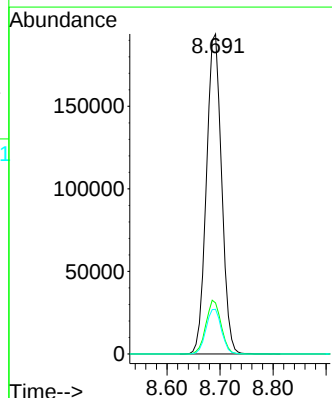
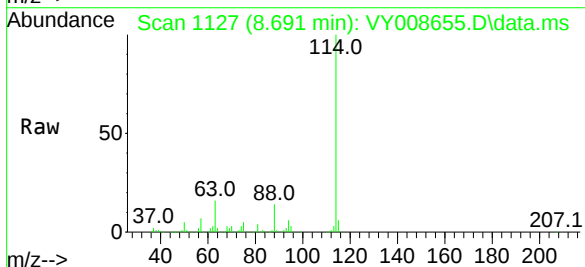
Tgt Ion: 114 Resp: 384248

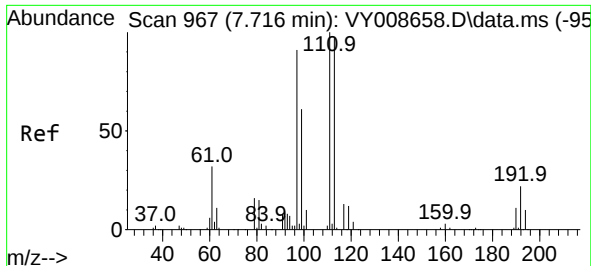
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.0 0.0 31.8

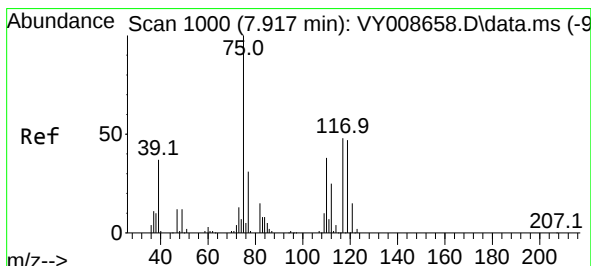
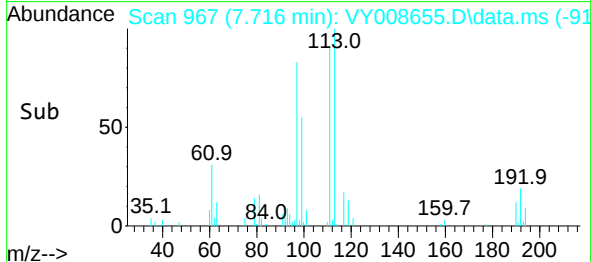
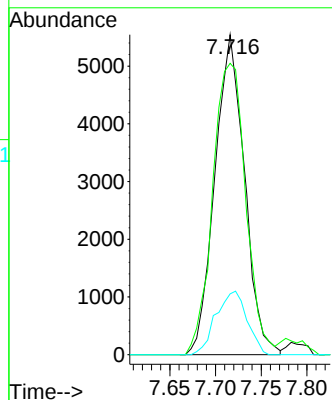
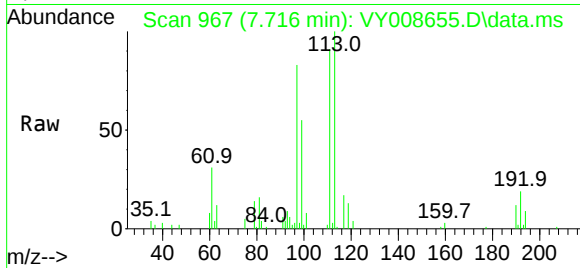




#35
 Dibromofluoromethane
 Concen: 5.324 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

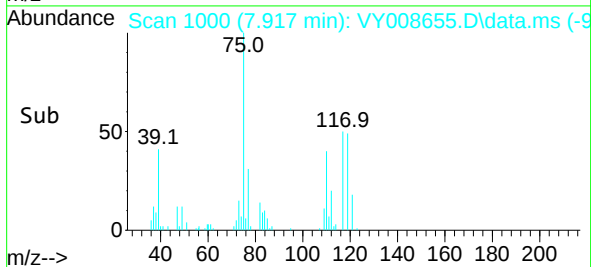
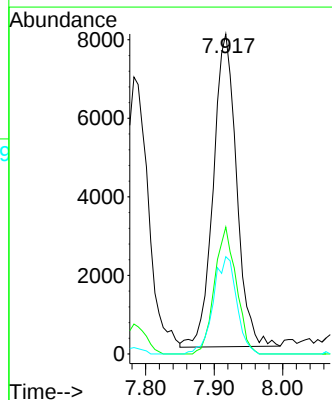
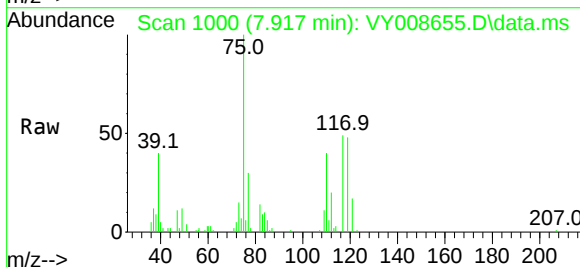
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

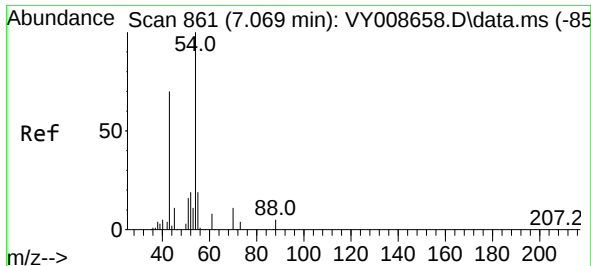
Tgt Ion:	113	Resp:	12508
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	20.8	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

Tgt Ion:	75	Resp:	18789
Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.1	51.2
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 5.116 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

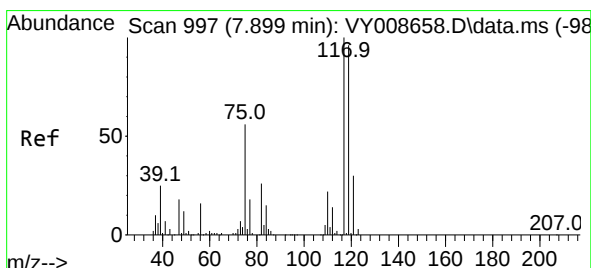
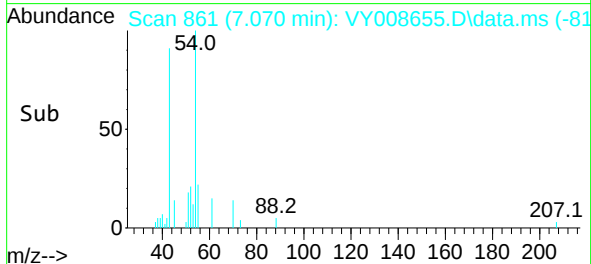
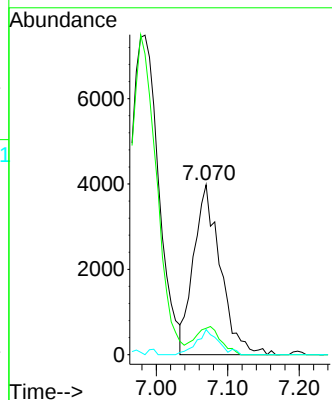
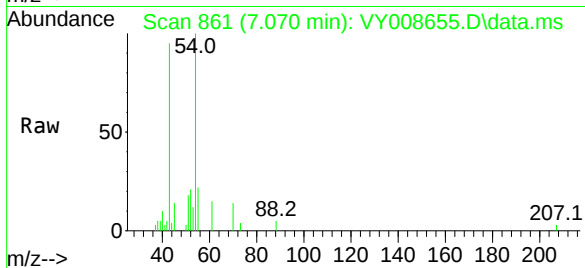
Tgt Ion: 43 Resp: 10349

Ion Ratio Lower Upper

43 100

61 15.9 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.008 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

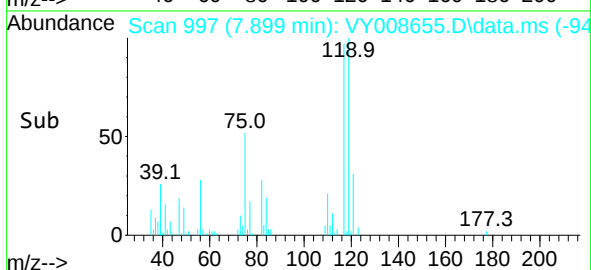
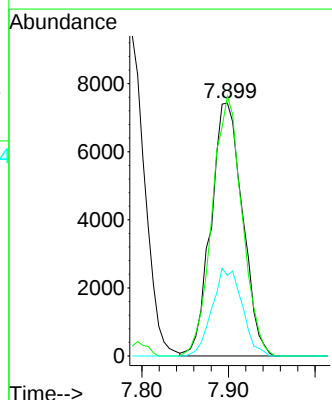
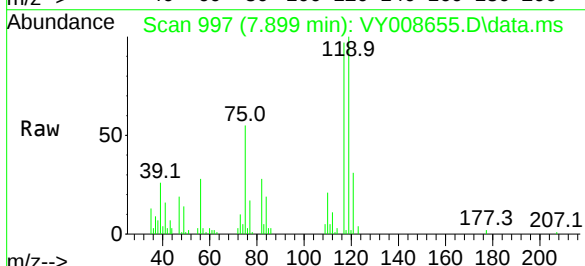
Tgt Ion: 117 Resp: 18781

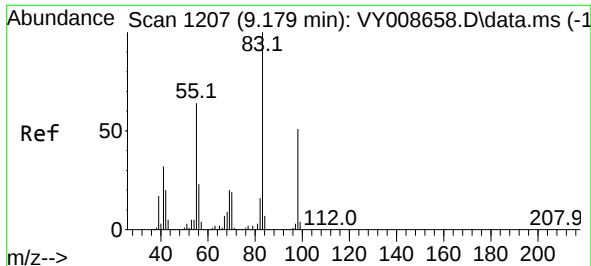
Ion Ratio Lower Upper

117 100

119 102.7 77.9 116.9

121 31.9 24.8 37.2

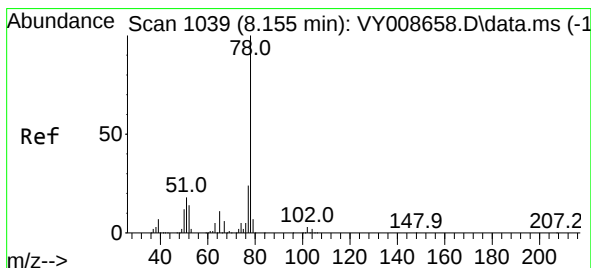
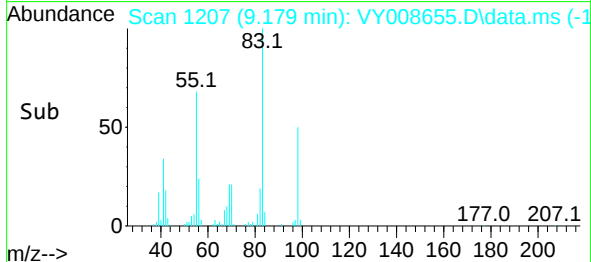
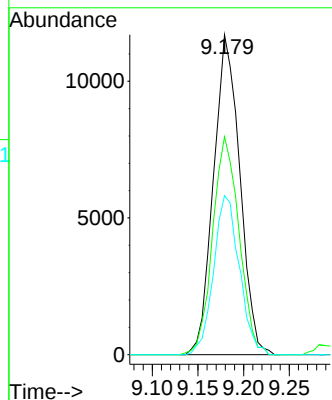
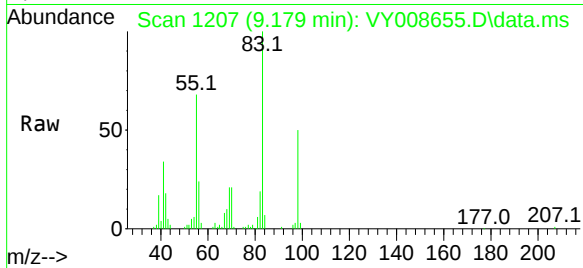




#39
Methylcyclohexane
Concen: 4.678 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

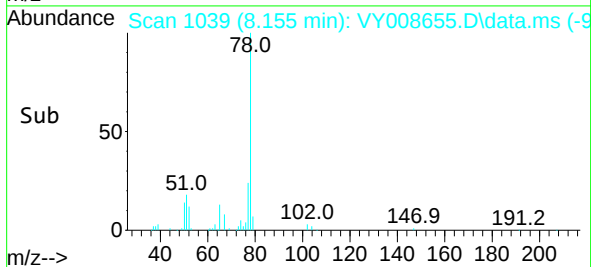
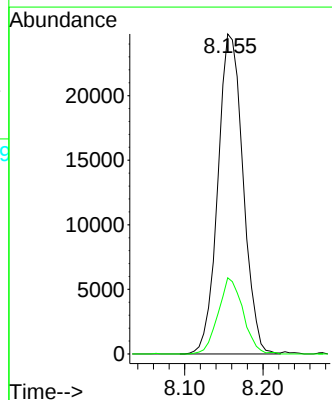
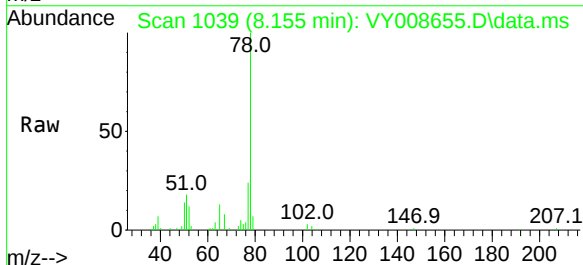
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

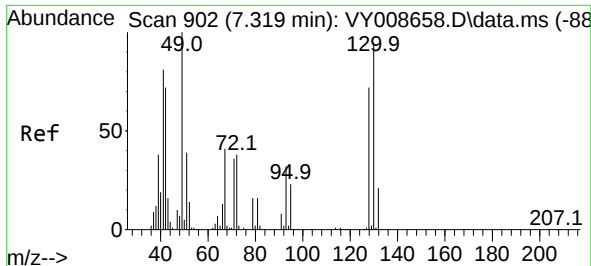
Tgt Ion: 83 Resp: 23393
Ion Ratio Lower Upper
83 100
55 68.1 66.5 99.7
98 49.7 37.9 56.9



#40
Benzene
Concen: 5.059 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 78 Resp: 55419
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6

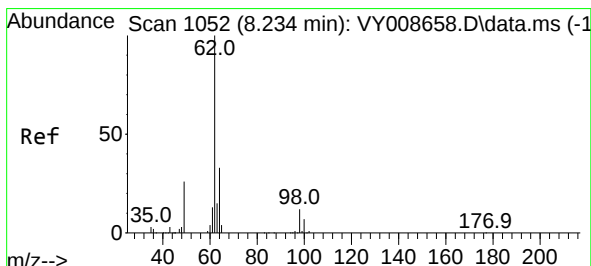
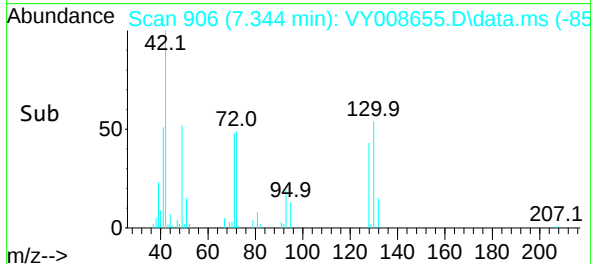
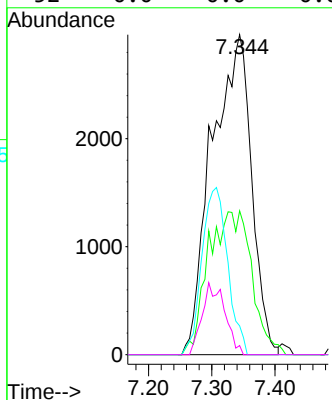
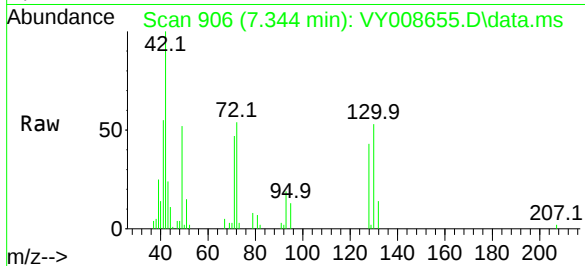




#41
Methacrylonitrile
Concen: 12.604 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

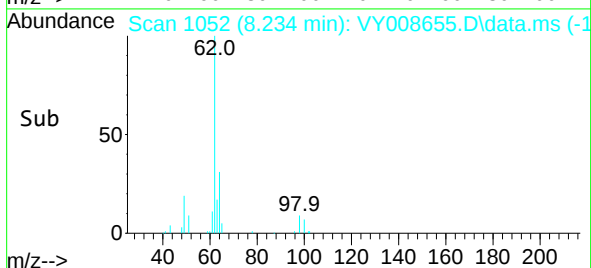
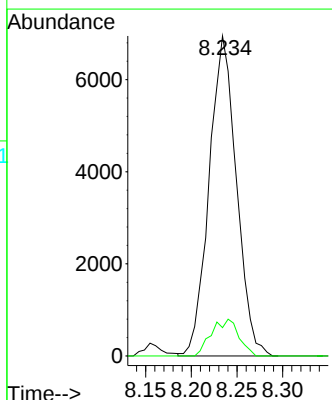
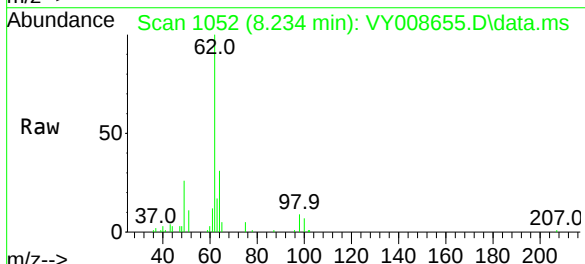
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

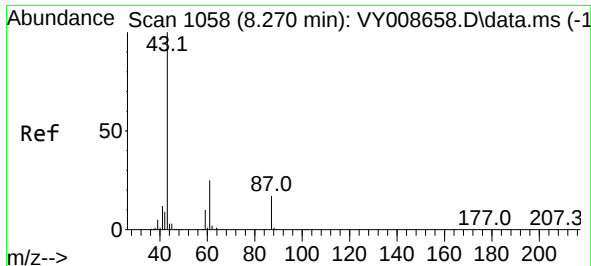
Tgt Ion: 41 Resp: 12876
Ion Ratio Lower Upper
41 100
39 49.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.556 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 62 Resp: 14467
Ion Ratio Lower Upper
62 100
98 11.5 0.0 14.8

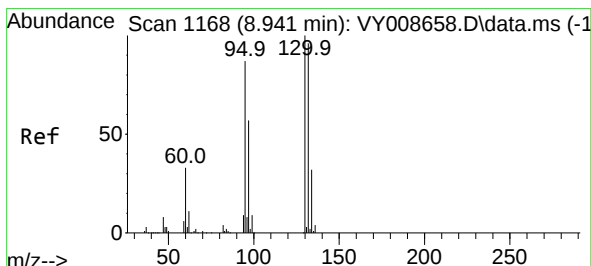
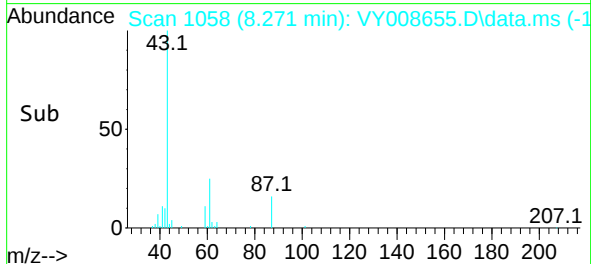
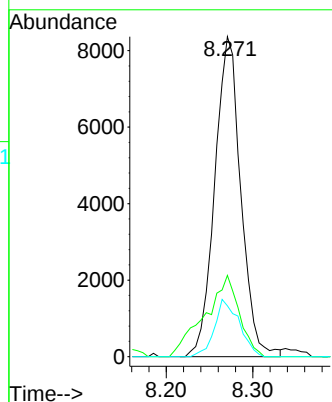
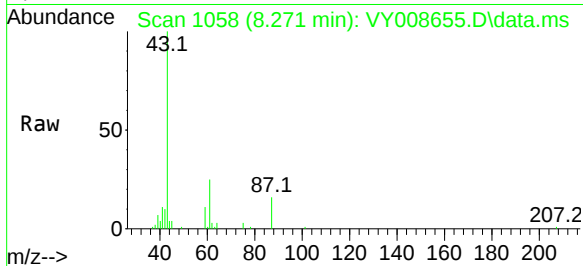




#43
Isopropyl Acetate
Concen: 4.692 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

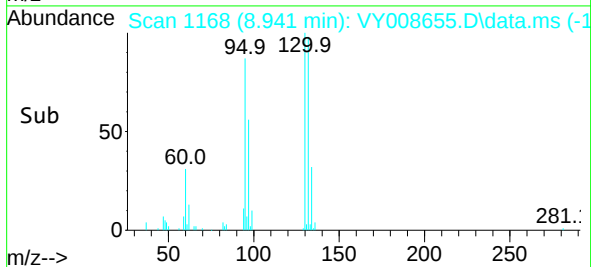
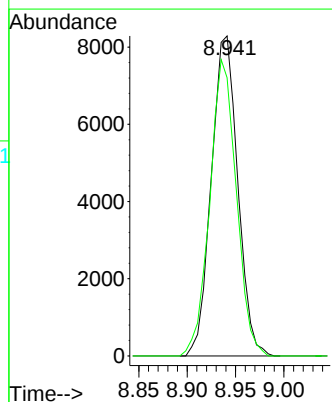
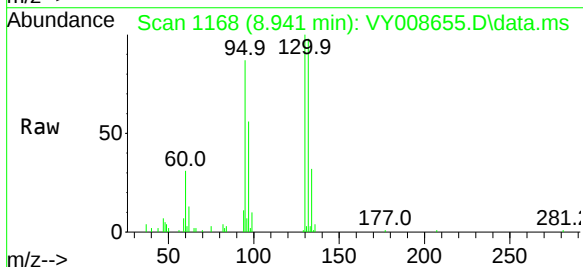
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

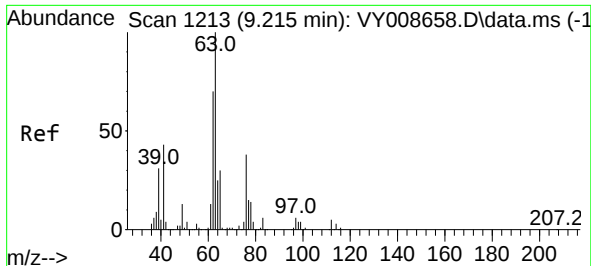
Tgt Ion: 43 Resp: 17479
Ion Ratio Lower Upper
43 100
61 33.6 20.2 30.2#
87 17.0 8.9 13.3#



#44
Trichloroethene
Concen: 4.935 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:130 Resp: 15756
Ion Ratio Lower Upper
130 100
95 86.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.034 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

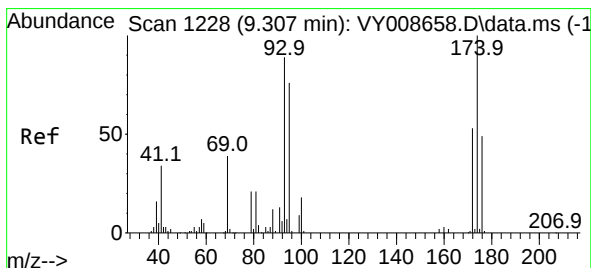
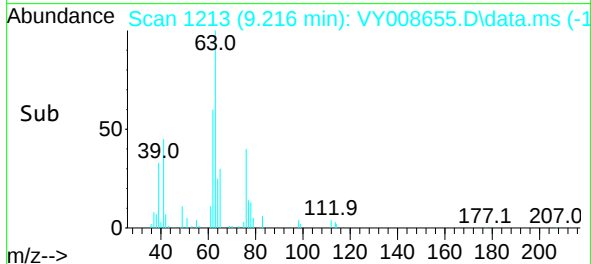
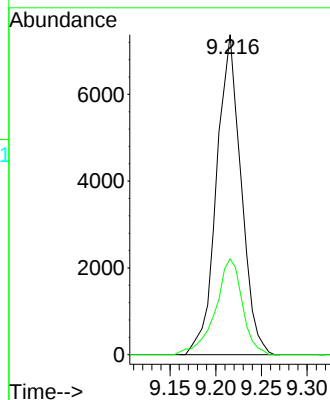
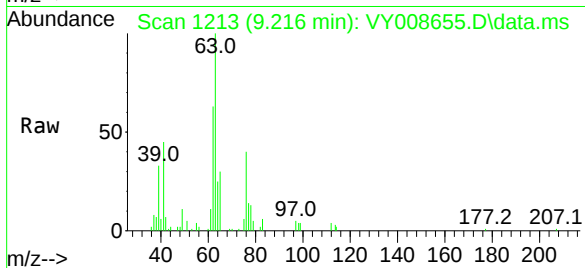
VSTDIC005

Tgt Ion: 63 Resp: 13780

Ion Ratio Lower Upper

63 100

65 29.9 23.0 34.6



#46

Dibromomethane

Concen: 4.689 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

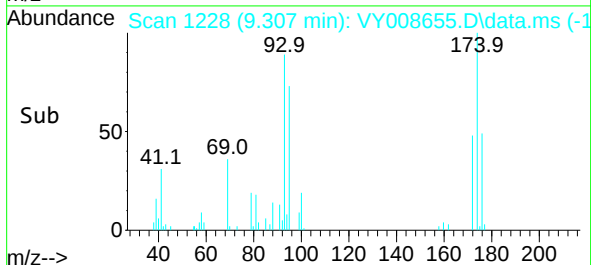
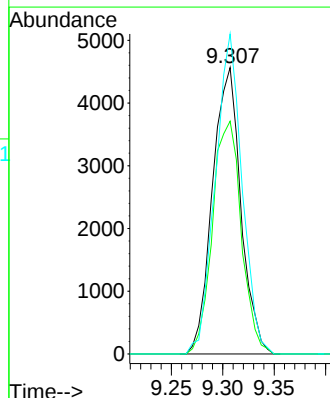
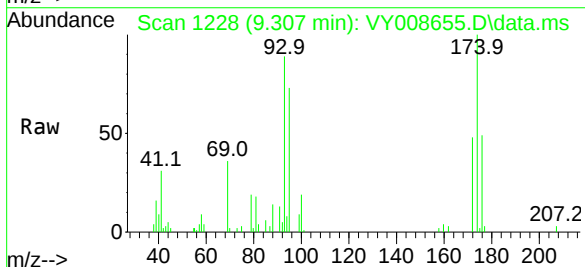
Tgt Ion: 93 Resp: 8755

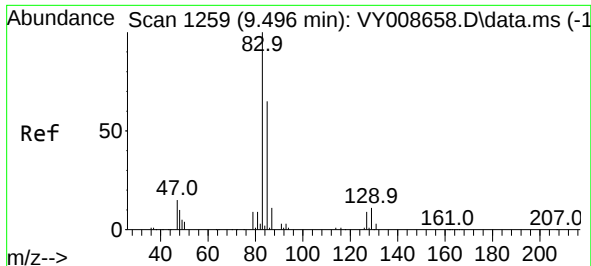
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 105.6 83.4 125.0

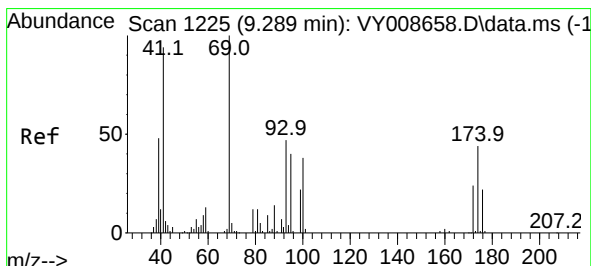
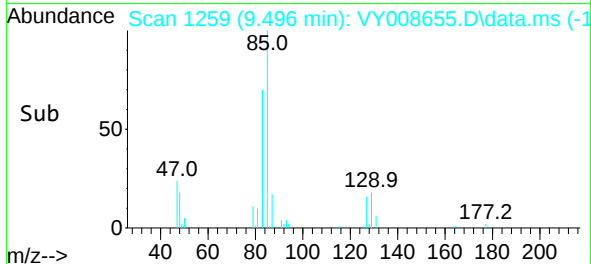
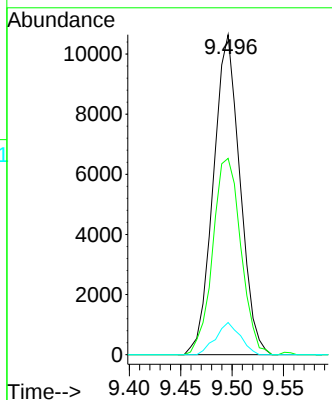
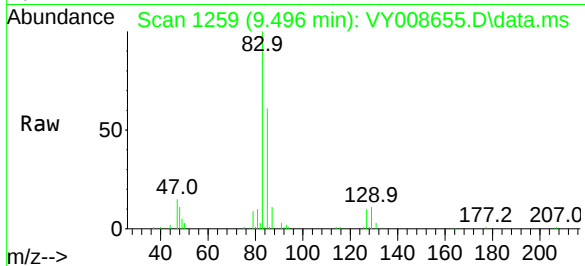




#47
Bromodichloromethane
Concen: 4.778 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

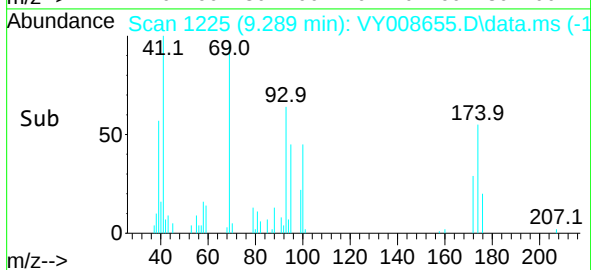
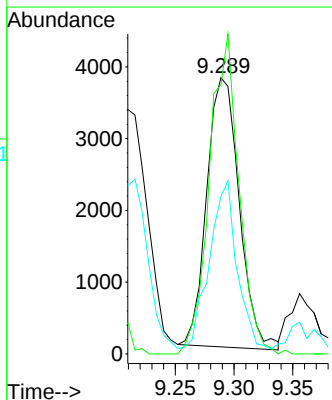
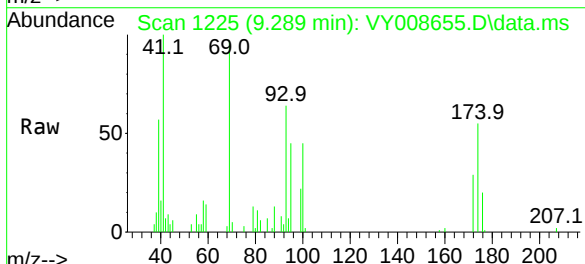
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

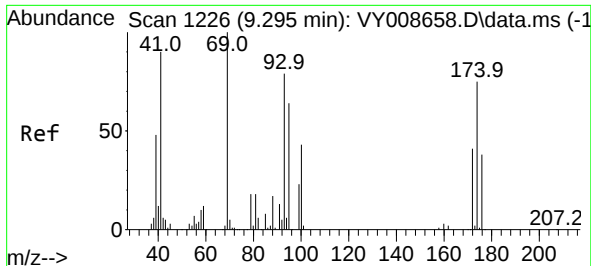
Tgt Ion: 83 Resp: 19150
Ion Ratio Lower Upper
83 100
85 61.3 51.9 77.9
127 10.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 4.254 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 41 Resp: 7207
Ion Ratio Lower Upper
41 100
69 108.1 58.2 87.2#
39 57.4 47.4 71.0





#49

1,4-Dioxane

Concen: 103.194 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008655.D

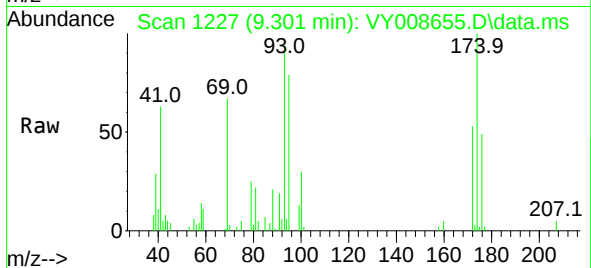
Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005



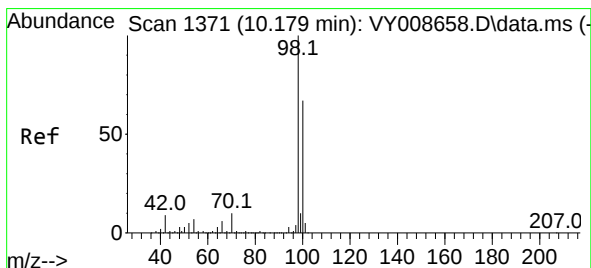
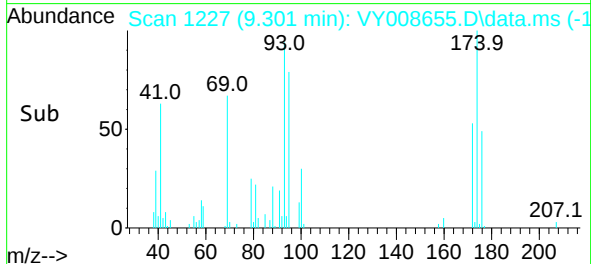
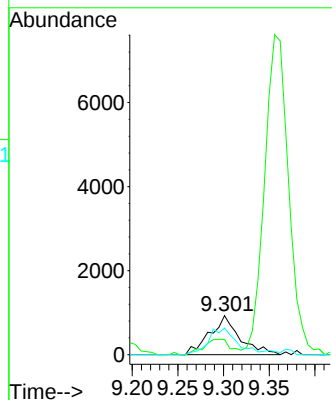
Tgt Ion: 88 Resp: 2119

Ion Ratio Lower Upper

88 100

43 35.8 32.8 49.2

58 65.0 59.8 89.6



#50

Toluene-d8

Concen: 5.012 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008655.D

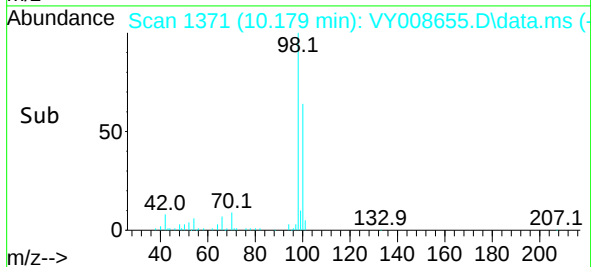
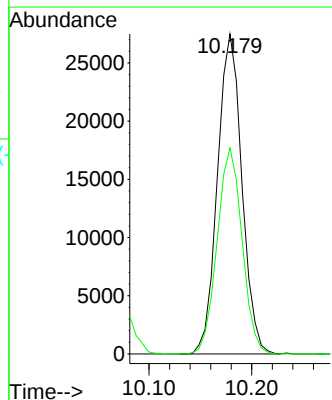
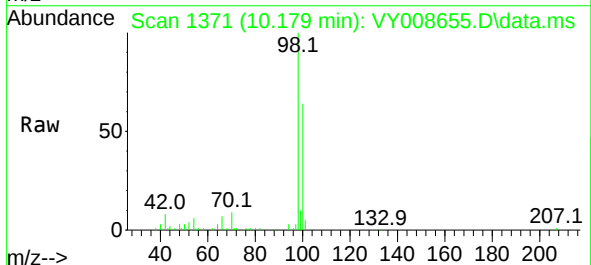
Acq: 09 May 2022 10:00

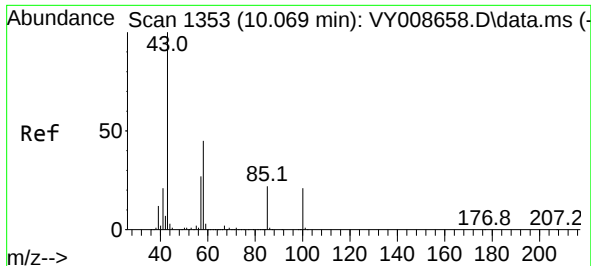
Tgt Ion: 98 Resp: 45284

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

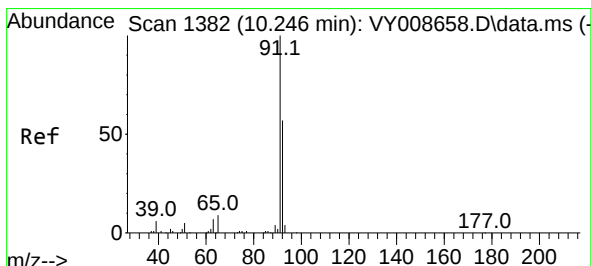
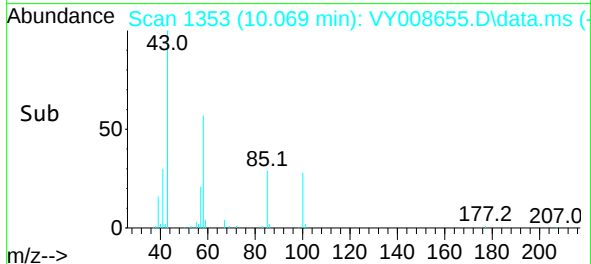
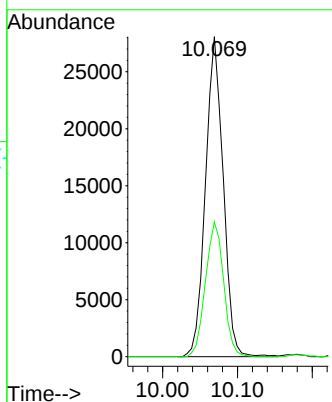
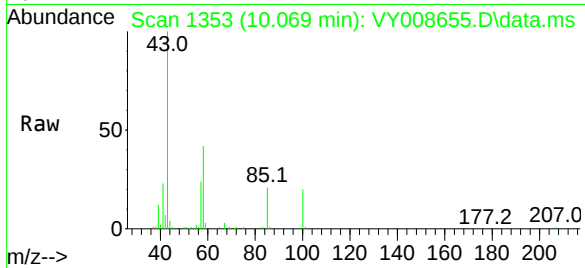




#51
4-Methyl-2-Pentanone
Concen: 22.610 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

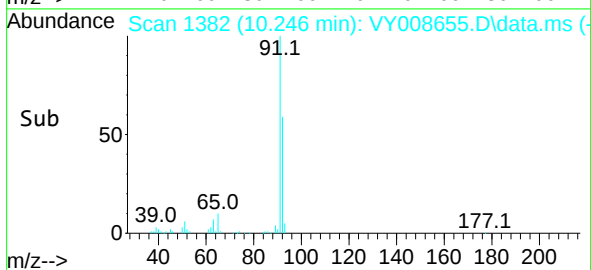
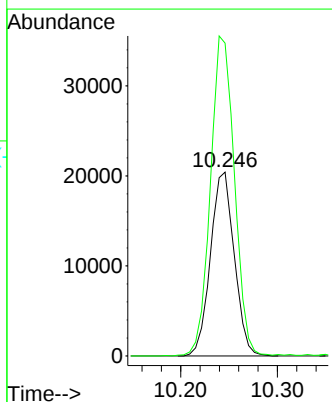
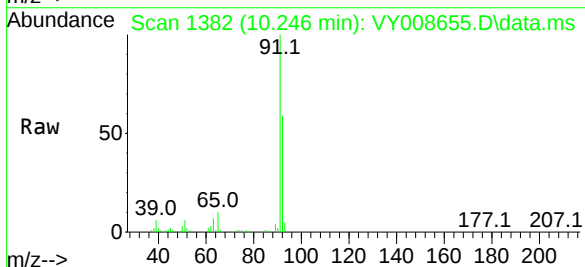
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

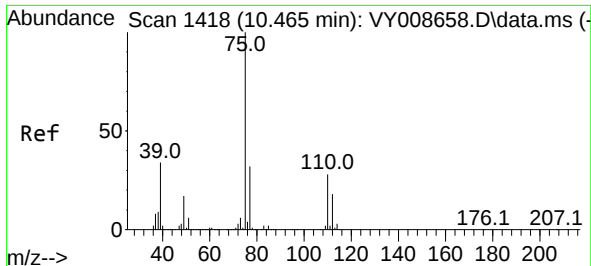
Tgt Ion: 43 Resp: 46285
Ion Ratio Lower Upper
43 100
58 43.2 28.1 42.1#



#52
Toluene
Concen: 4.597 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 92 Resp: 34878
Ion Ratio Lower Upper
92 100
91 175.4 142.6 213.8

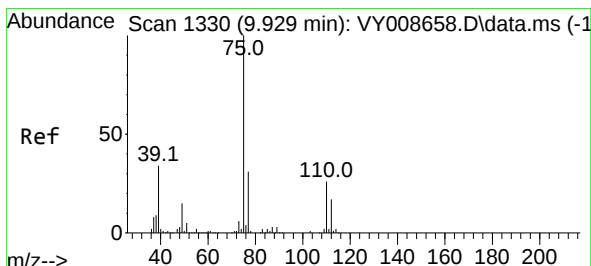
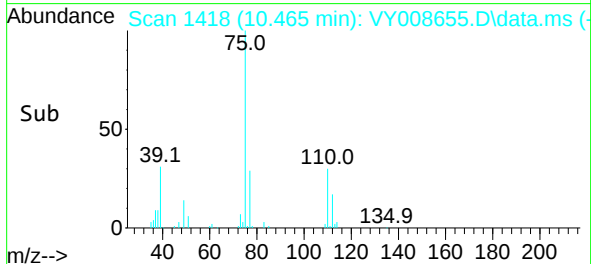
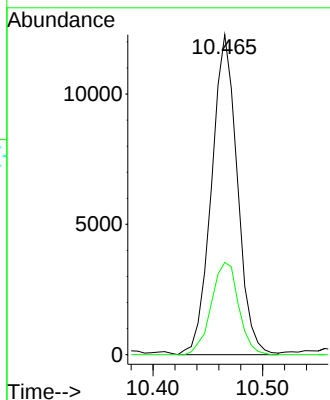
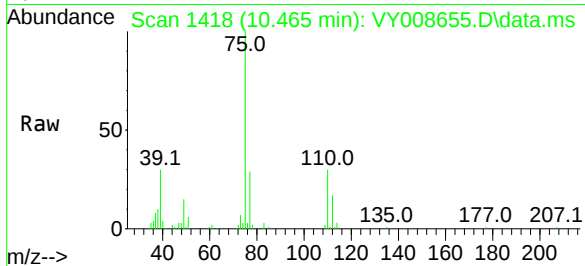




#53
 t-1,3-Dichloropropene
 Concen: 4.335 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

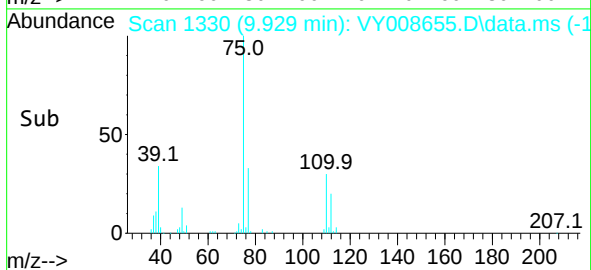
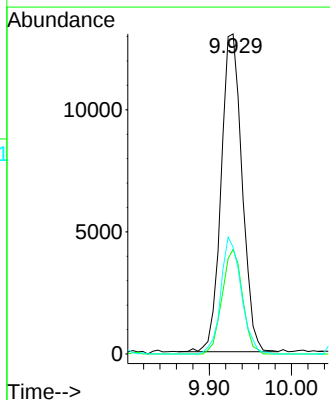
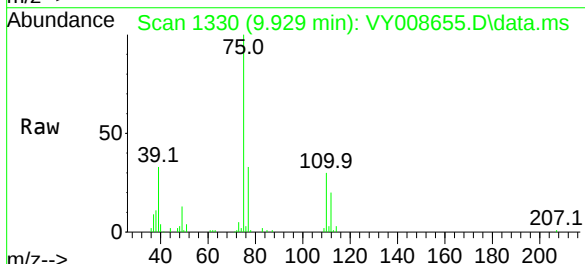
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

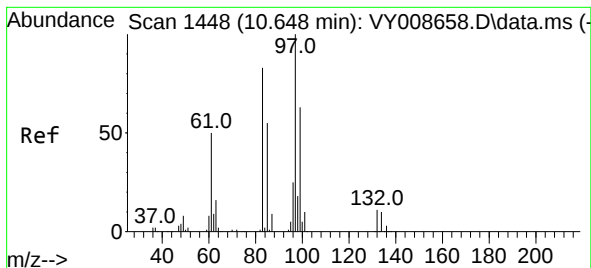
Tgt Ion: 75 Resp: 20112
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.800 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

Tgt Ion: 75 Resp: 23048
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4
 39 33.7 47.6 71.4#

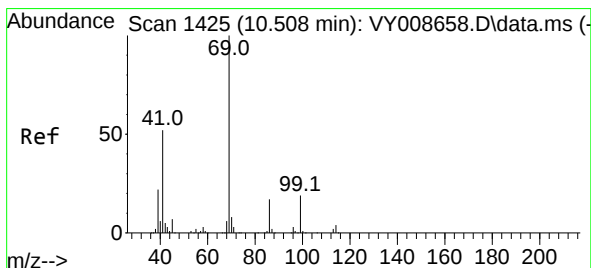
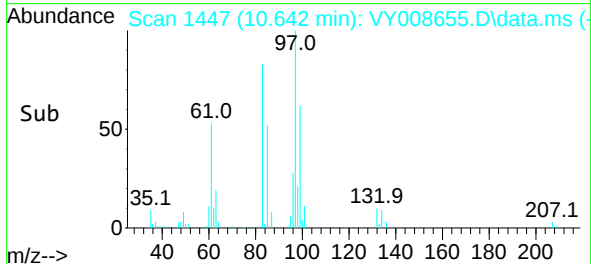
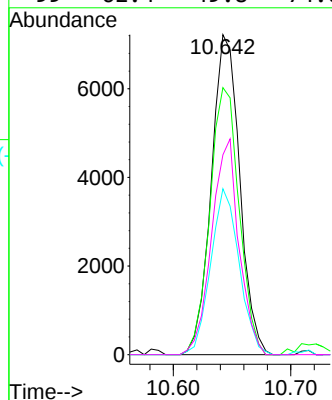
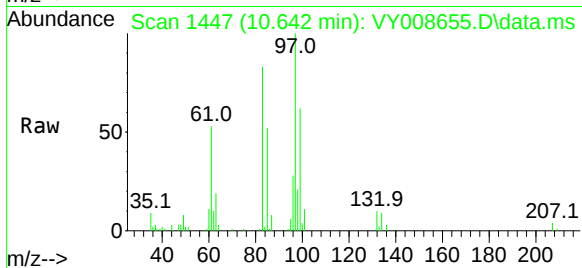




#55
1,1,2-Trichloroethane
Concen: 4.494 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

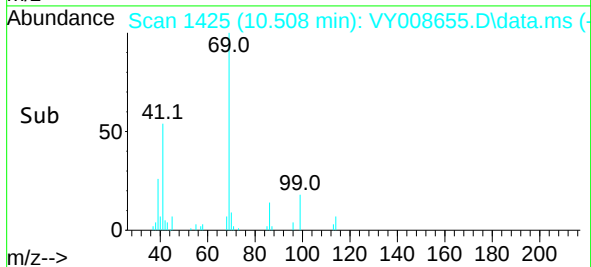
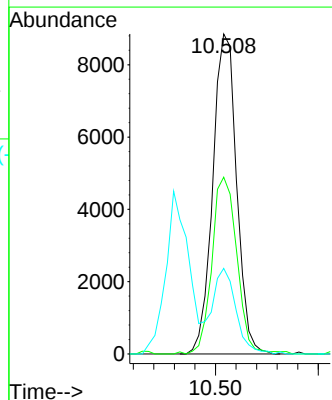
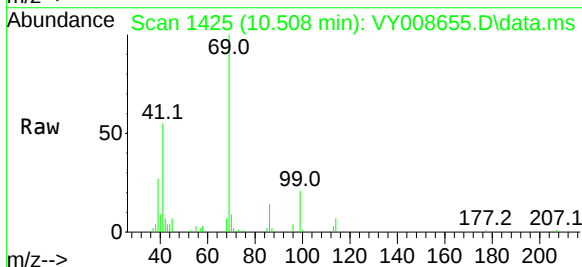
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

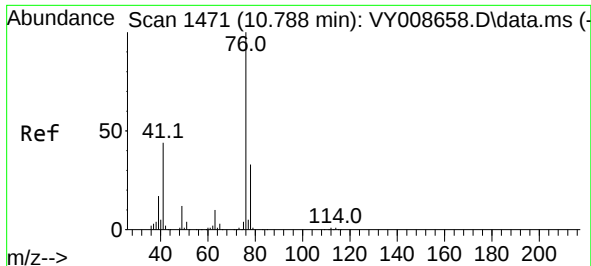
Tgt Ion: 97	Resp: 12135
Ion Ratio	Lower Upper
97 100	
83 83.5	69.8 104.8
85 51.8	44.3 66.5
99 62.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.118 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 69	Resp: 14258
Ion Ratio	Lower Upper
69 100	
41 57.9	63.4 95.0#
39 25.4	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 4.635 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

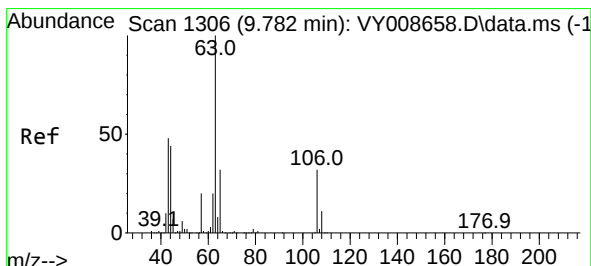
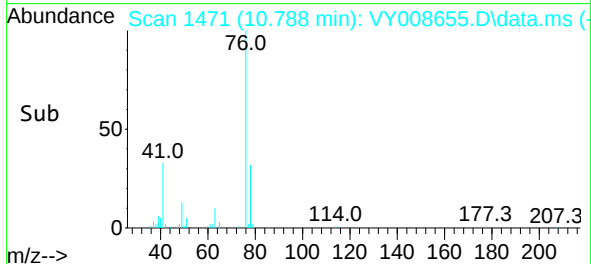
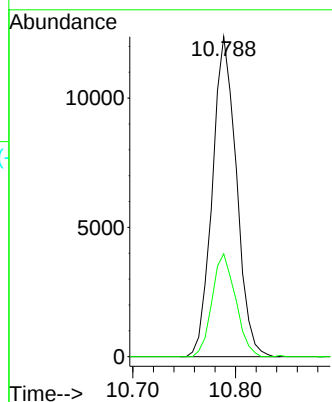
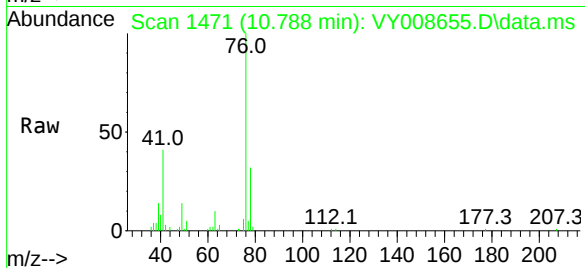
VSTDIC005

Tgt Ion: 76 Resp: 20108

Ion Ratio Lower Upper

76 100

78 31.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.777 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008655.D

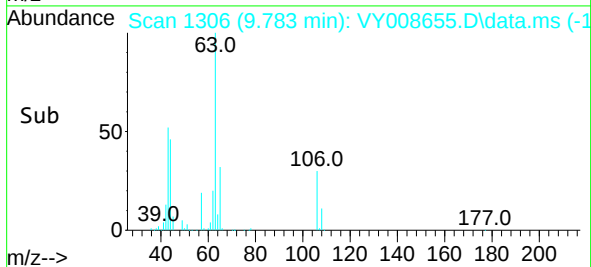
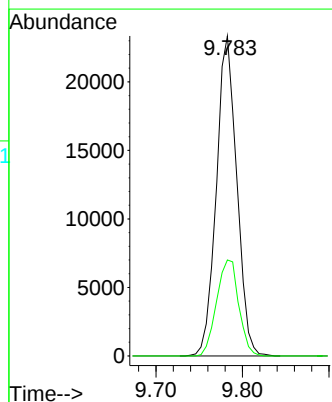
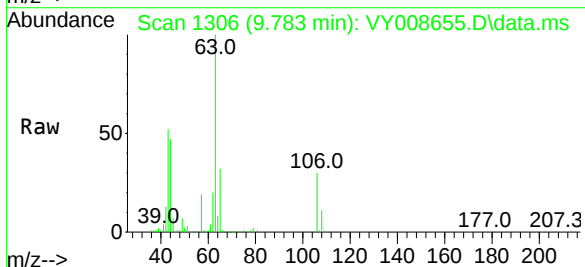
Acq: 09 May 2022 10:00

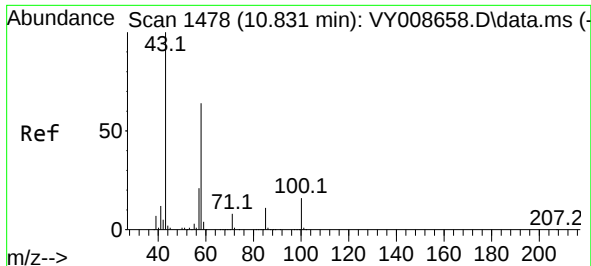
Tgt Ion: 63 Resp: 38221

Ion Ratio Lower Upper

63 100

106 32.5 21.5 32.3#

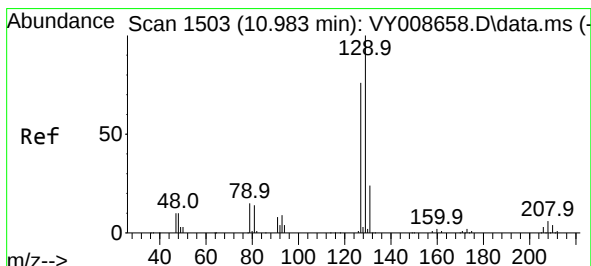
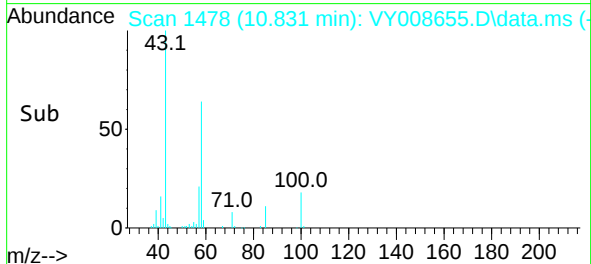
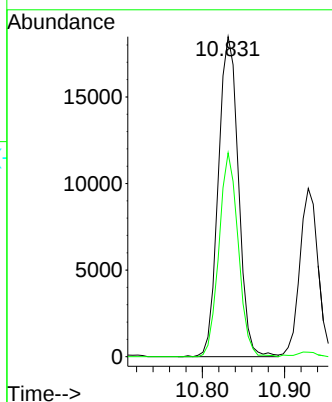
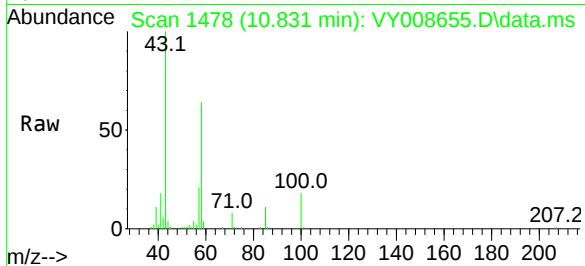




#59
2-Hexanone
Concen: 21.551 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

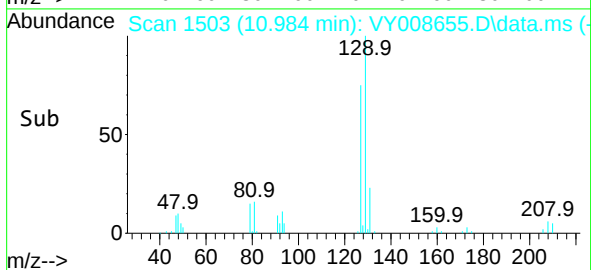
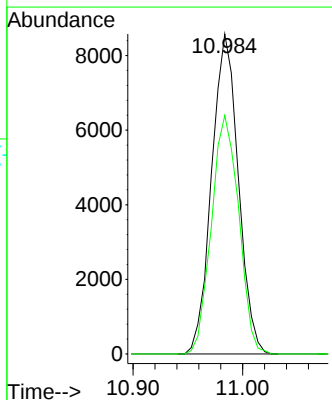
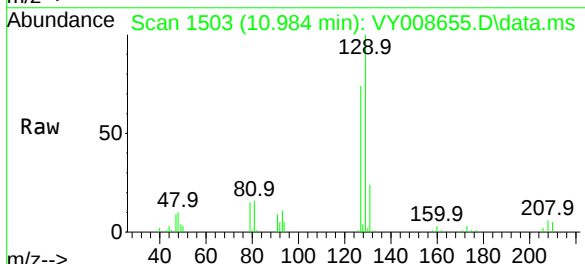
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

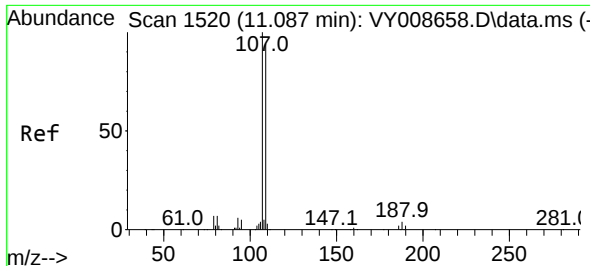
Tgt Ion: 43 Resp: 31408
Ion Ratio Lower Upper
43 100
58 60.9 24.4 73.4



#60
Dibromochloromethane
Concen: 4.635 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 129 Resp: 14501
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

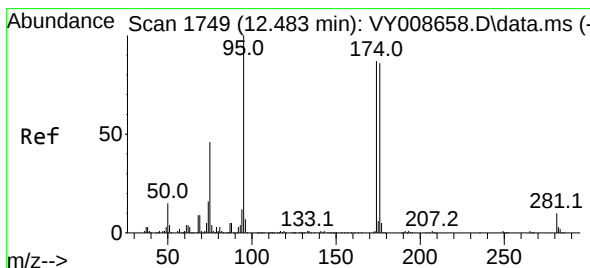
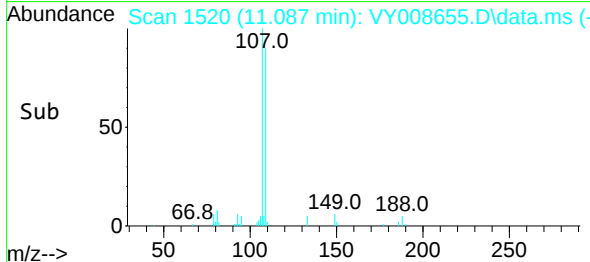
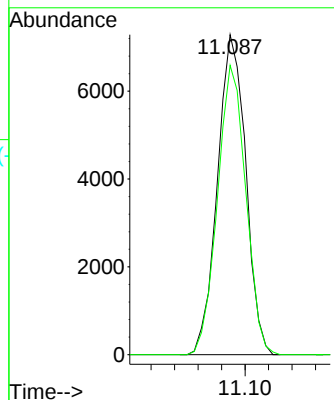
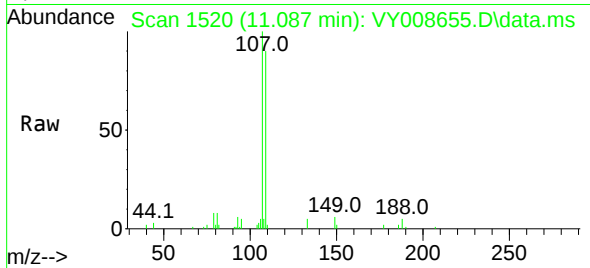




#61
1,2-Dibromoethane
Concen: 4.751 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

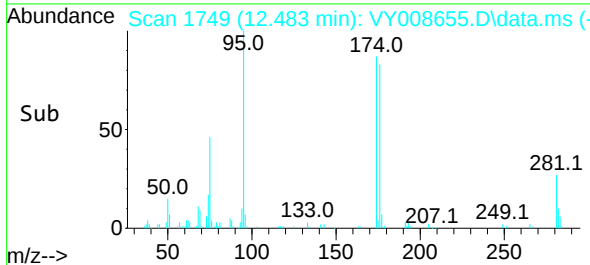
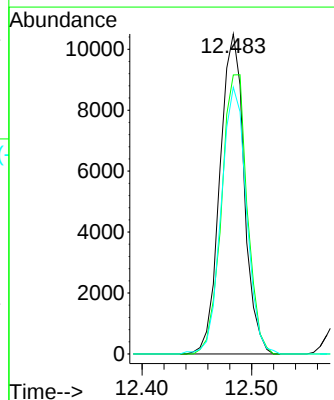
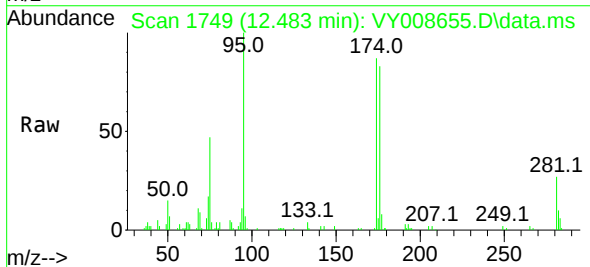
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

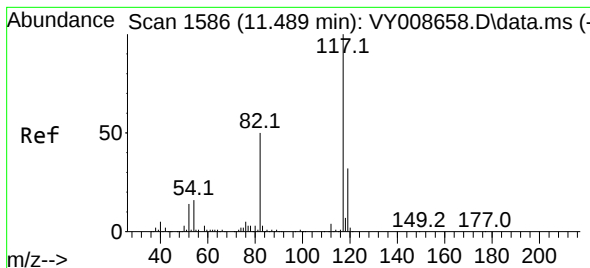
Tgt Ion:107 Resp: 12168
Ion Ratio Lower Upper
107 100
109 90.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 95 Resp: 16140
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 86.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

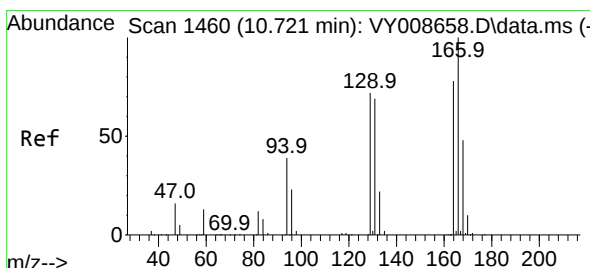
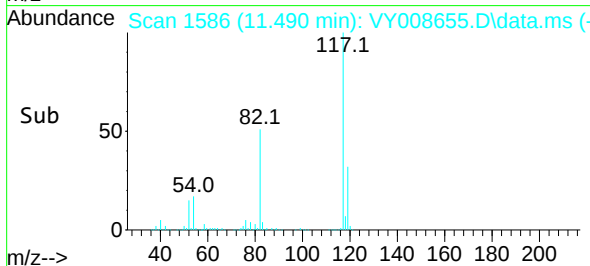
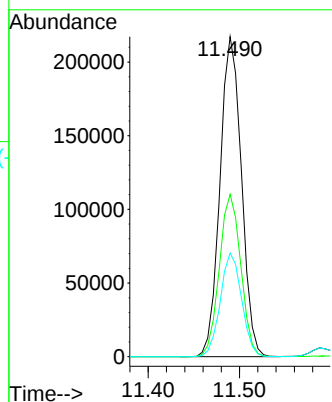
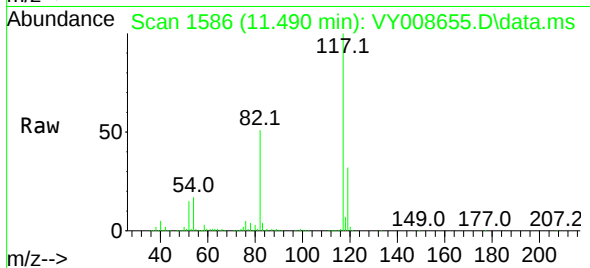
Tgt Ion:117 Resp: 354308

Ion Ratio Lower Upper

117 100

82 50.7 43.0 64.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 5.406 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Tgt Ion:164 Resp: 14643

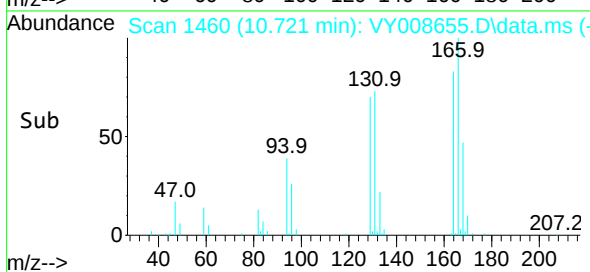
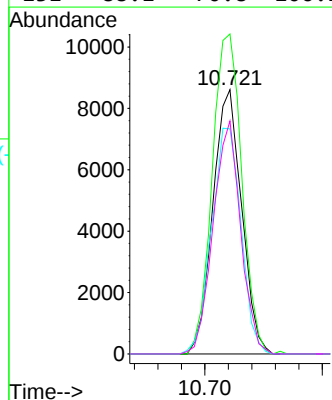
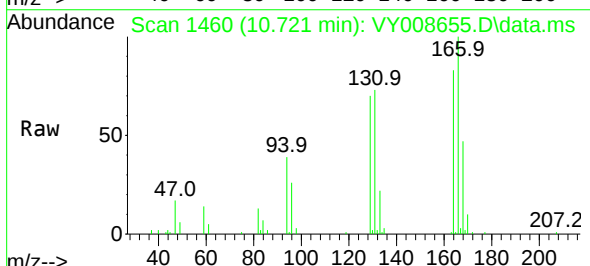
Ion Ratio Lower Upper

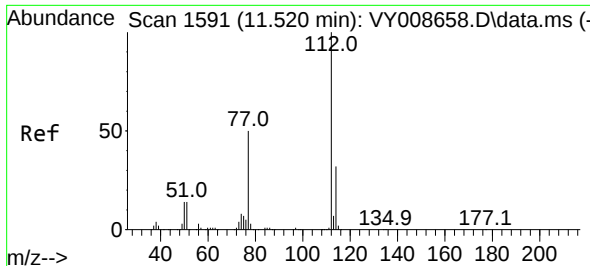
164 100

166 121.0 100.4 150.6

129 85.2 71.4 107.0

131 88.1 70.8 106.2

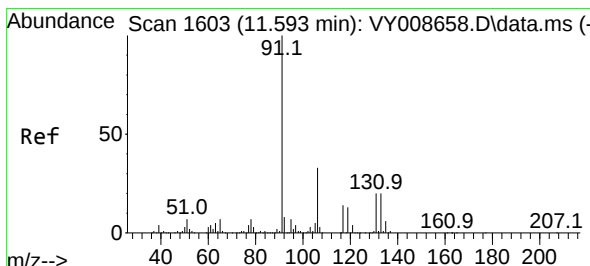
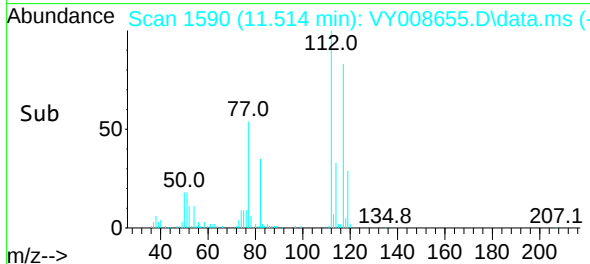
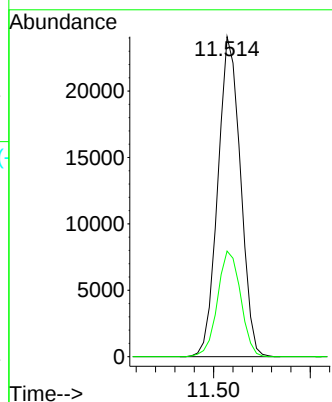
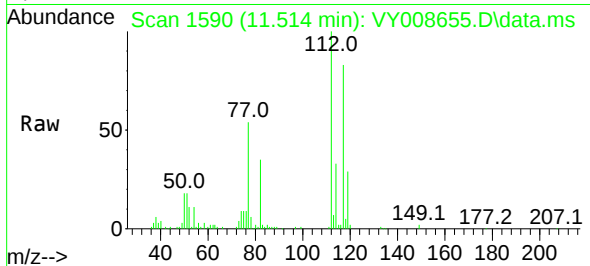




#65
Chlorobenzene
Concen: 4.906 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

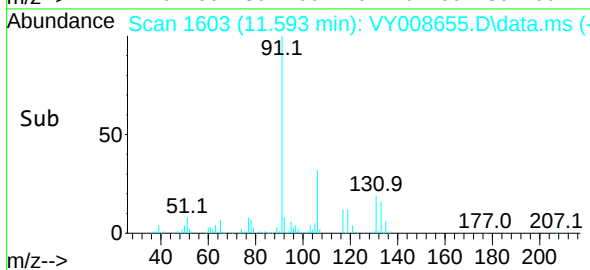
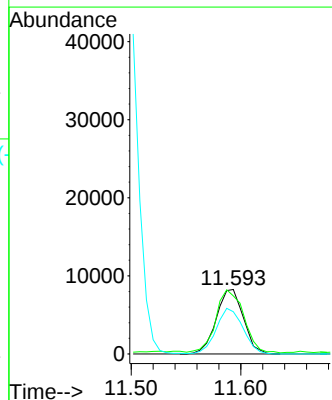
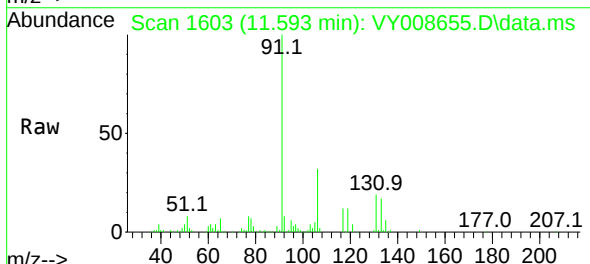
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

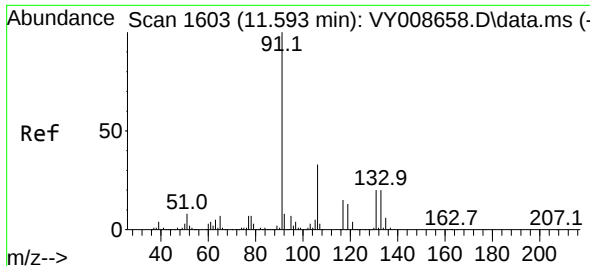
Tgt Ion:112 Resp: 39044
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.862 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:131 Resp: 14162
Ion Ratio Lower Upper
131 100
133 101.1 47.9 143.6
119 69.9 30.8 92.3





#67

Ethyl Benzene

Concen: 4.723 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

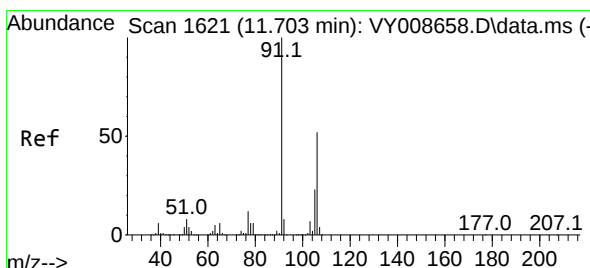
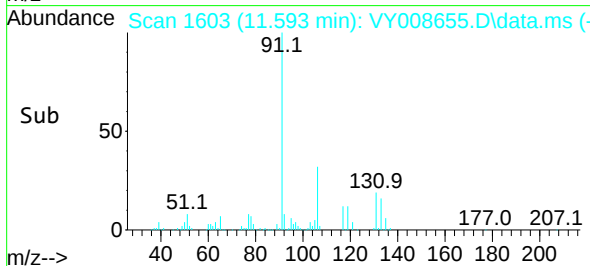
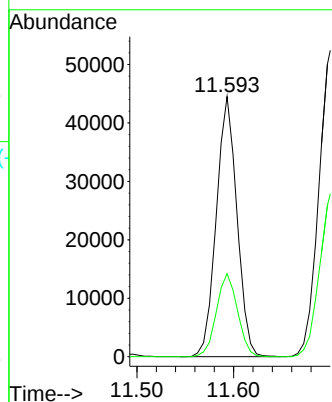
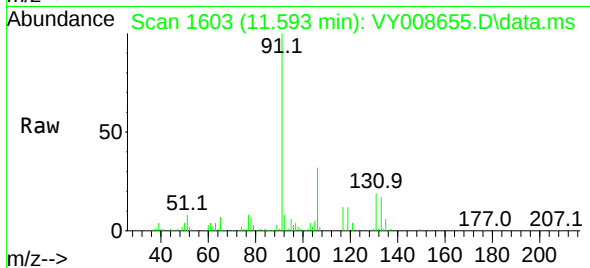
VSTDIC005

Tgt Ion: 91 Resp: 65871

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 8.572 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008655.D

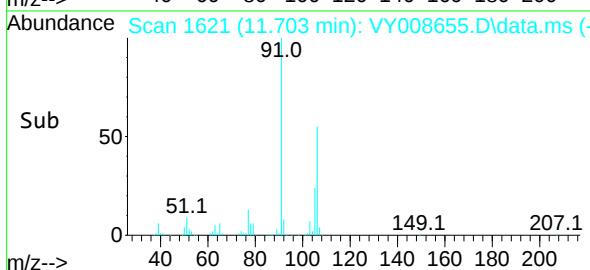
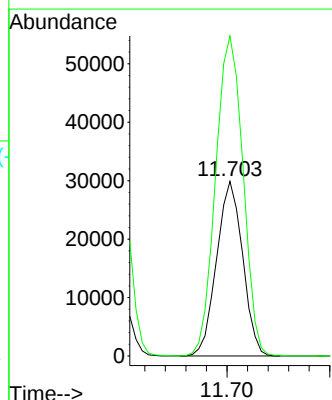
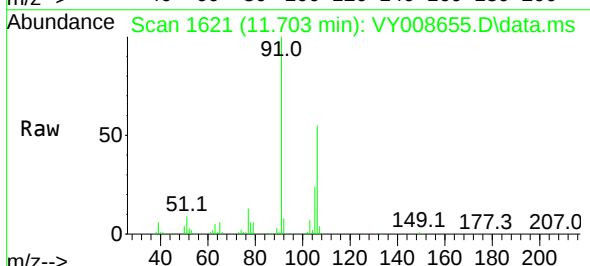
Acq: 09 May 2022 10:00

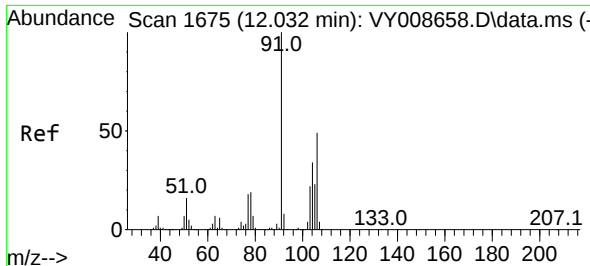
Tgt Ion: 106 Resp: 52523

Ion Ratio Lower Upper

106 100

91 193.1 166.6 249.8

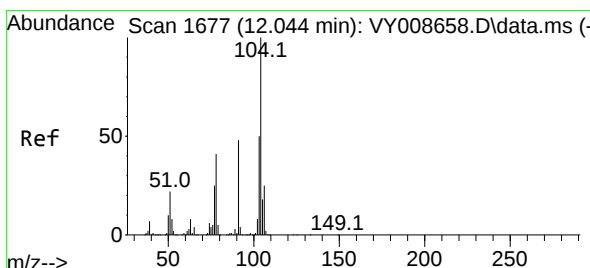
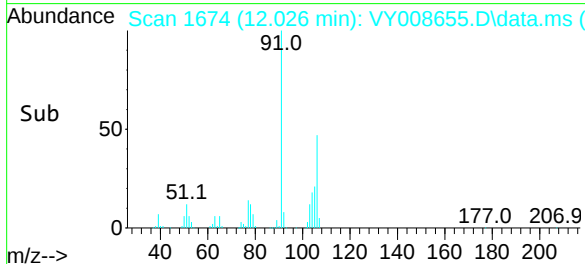
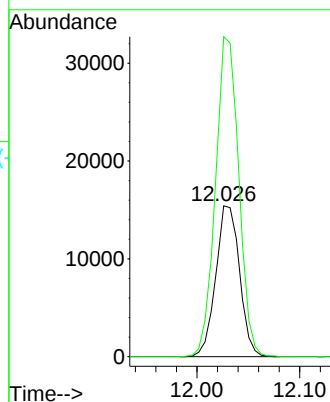
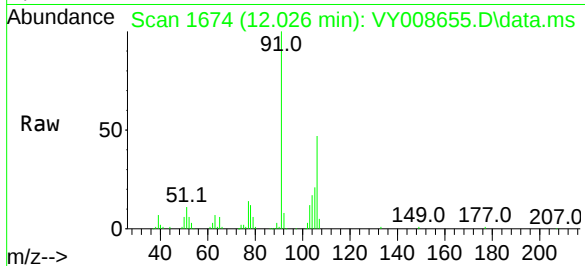




#69
o-Xylene
Concen: 4.102 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

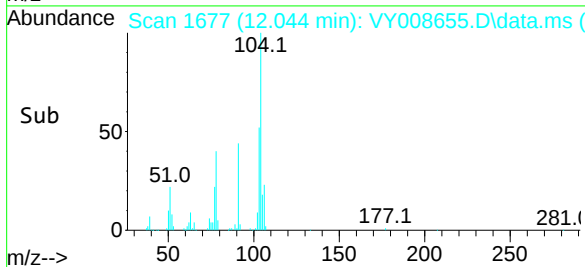
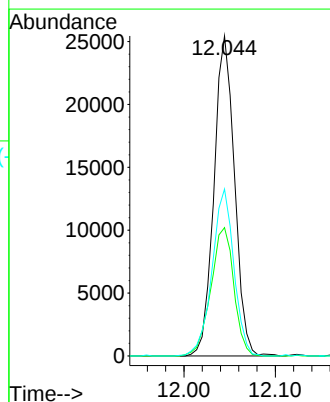
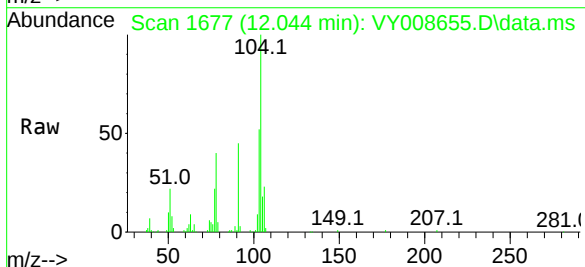
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

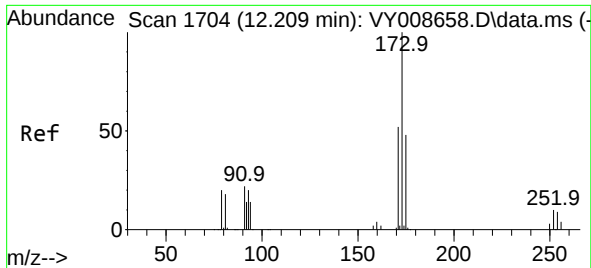
Tgt Ion:106 Resp: 24736
Ion Ratio Lower Upper
106 100
91 208.5 110.3 331.0



#70
Styrene
Concen: 3.877 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:104 Resp: 39771
Ion Ratio Lower Upper
104 100
78 44.8 42.4 63.6
103 55.3 44.4 66.6

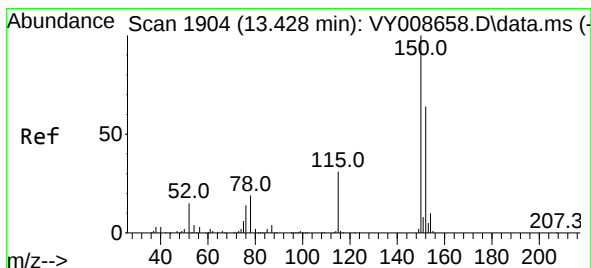
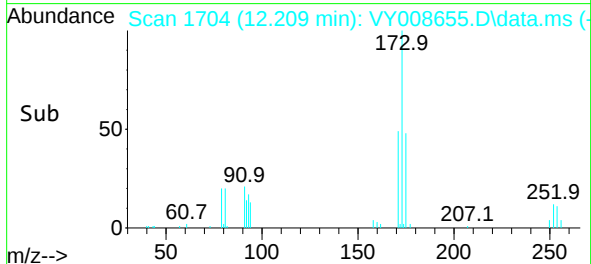
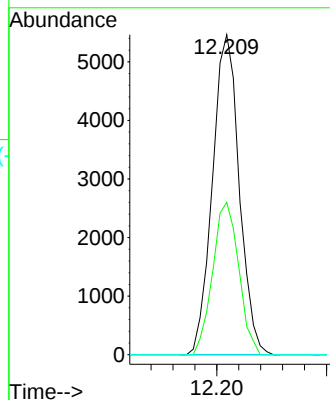
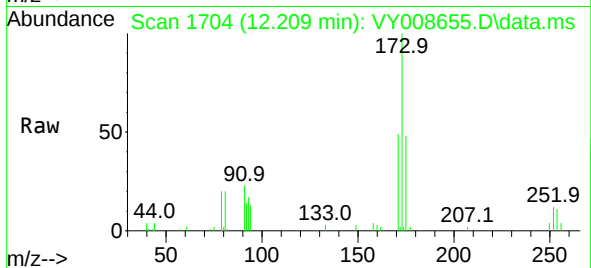




#71
Bromoform
Concen: 4.325 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

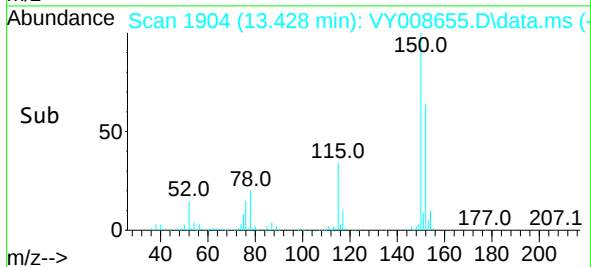
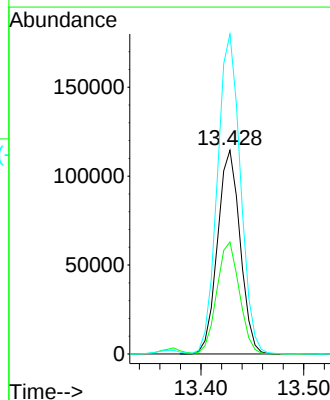
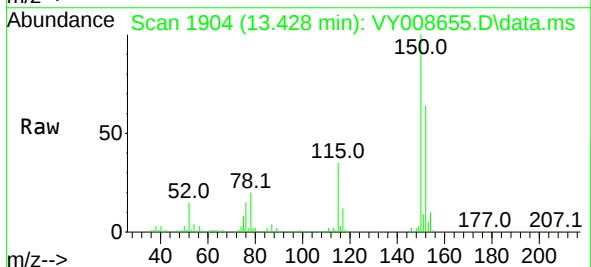
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

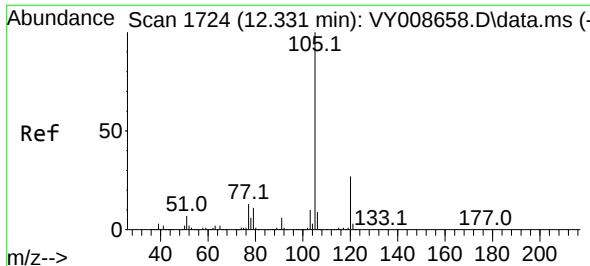
Tgt Ion:173 Resp: 9269
Ion Ratio Lower Upper
173 100
175 46.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:152 Resp: 174633
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 160.4 0.0 347.6

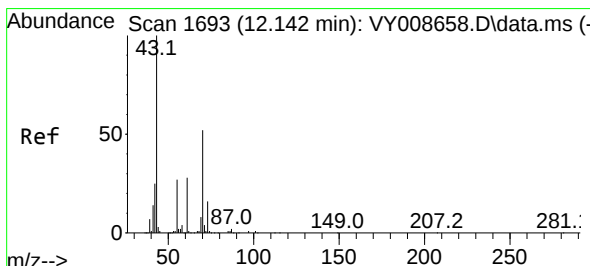
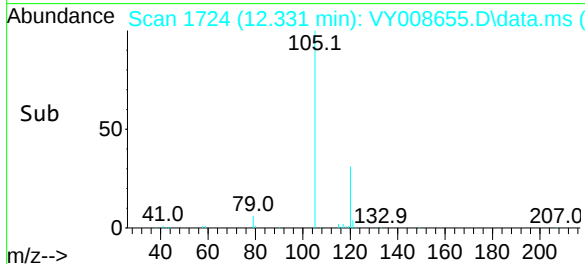
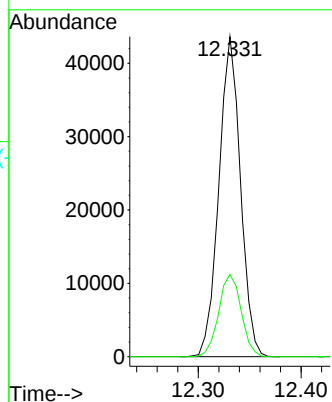
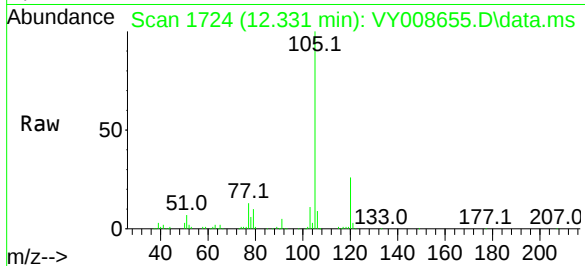




#73
Isopropylbenzene
Concen: 4.286 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

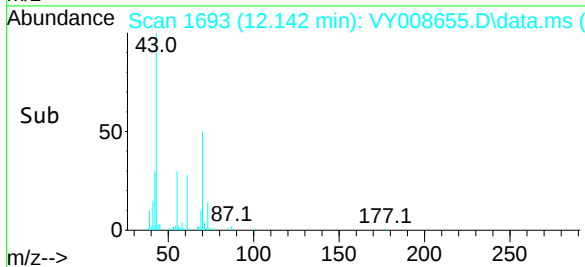
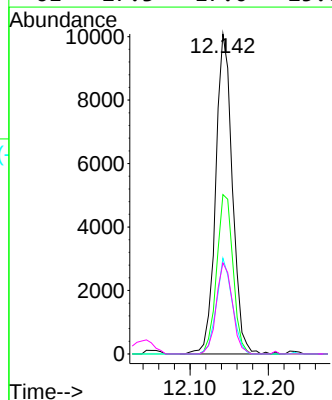
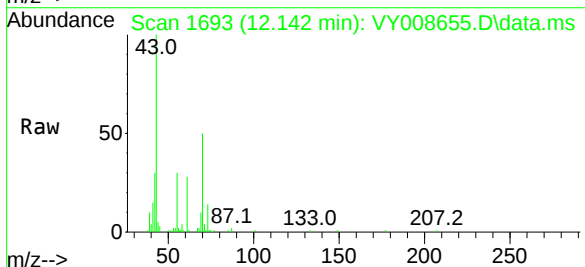
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

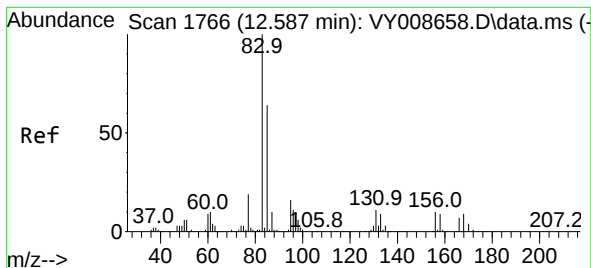
Tgt Ion:105 Resp: 63463
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 4.026 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 43 Resp: 14945
Ion Ratio Lower Upper
43 100
70 48.4 28.7 43.1#
55 28.1 17.3 25.9#
61 27.3 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.849 ug/l

RT: 12.581 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

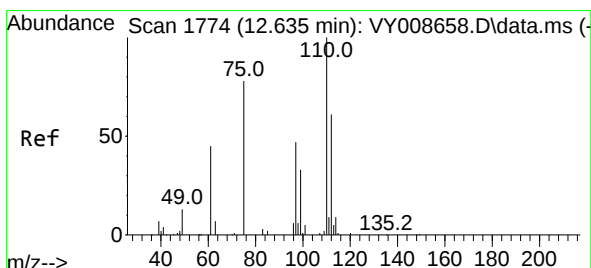
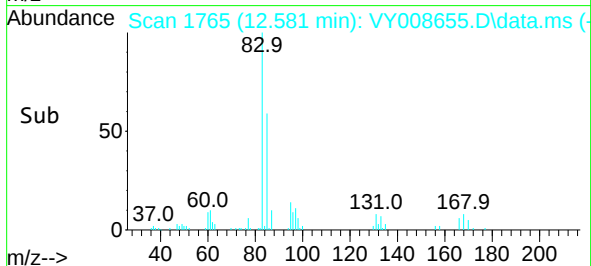
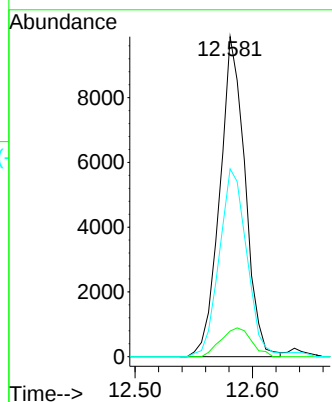
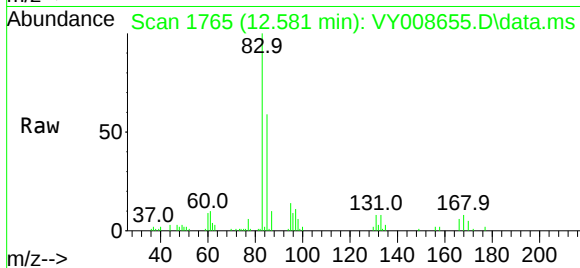
Tgt Ion: 83 Resp: 14750

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 9.002 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY008655.D

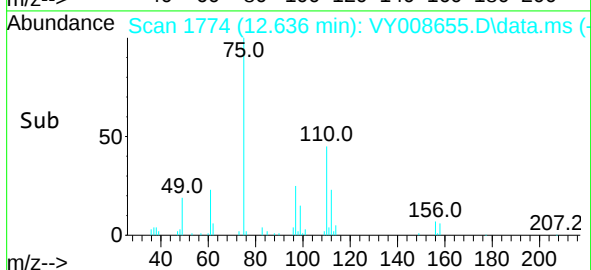
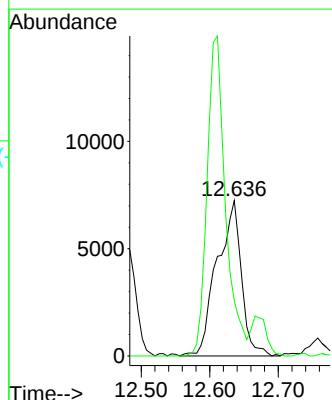
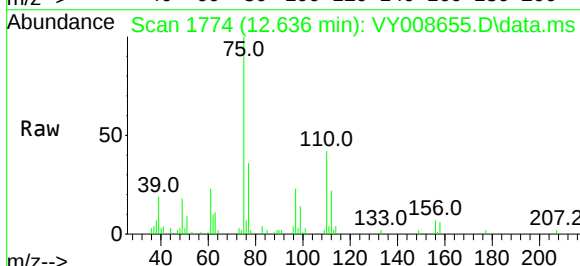
Acq: 09 May 2022 10:00

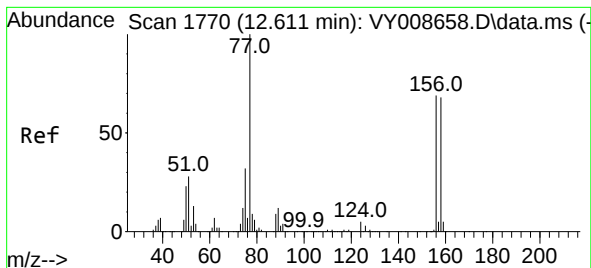
Tgt Ion: 75 Resp: 17905

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.087 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

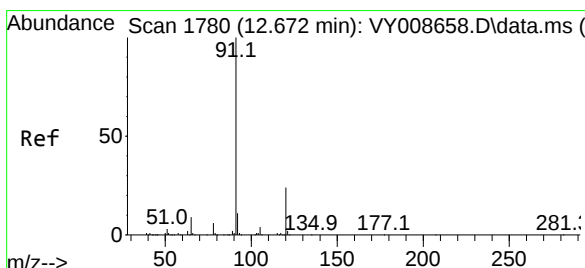
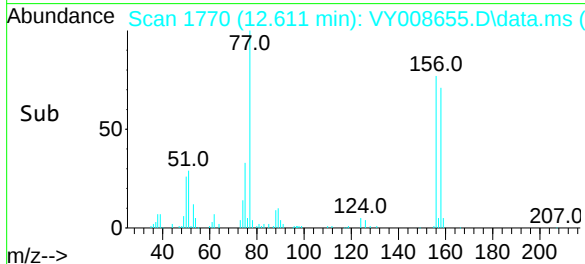
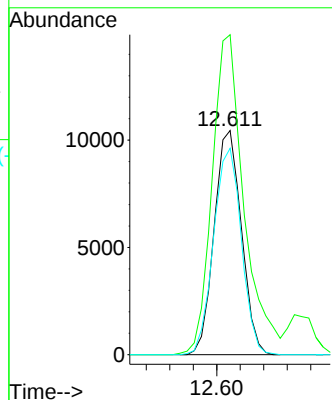
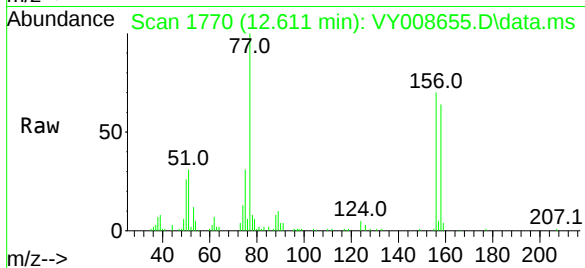
Tgt Ion:156 Resp: 16813

Ion Ratio Lower Upper

156 100

77 166.2 95.5 286.4

158 94.1 48.0 144.0



#78

n-propylbenzene

Concen: 4.695 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008655.D

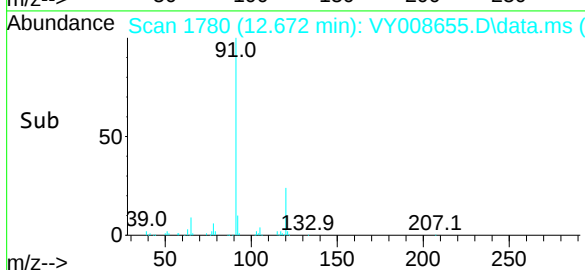
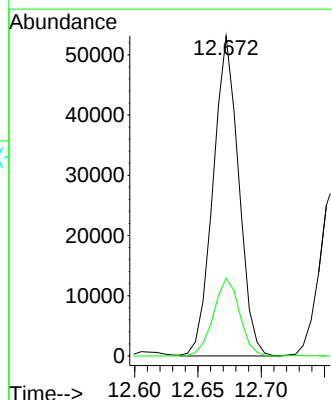
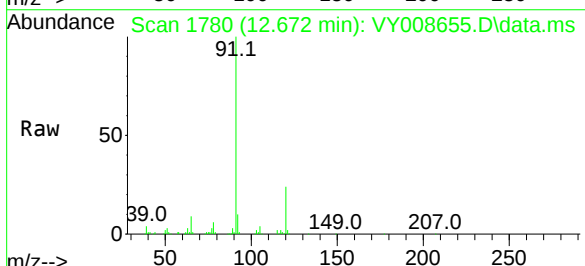
Acq: 09 May 2022 10:00

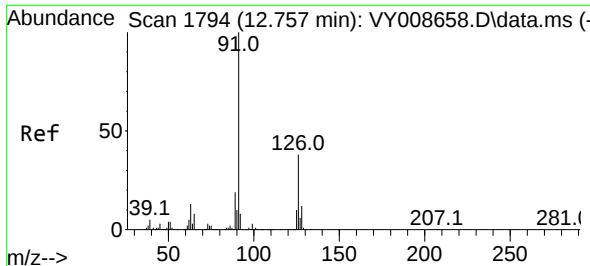
Tgt Ion: 91 Resp: 74733

Ion Ratio Lower Upper

91 100

120 24.6 11.3 33.9

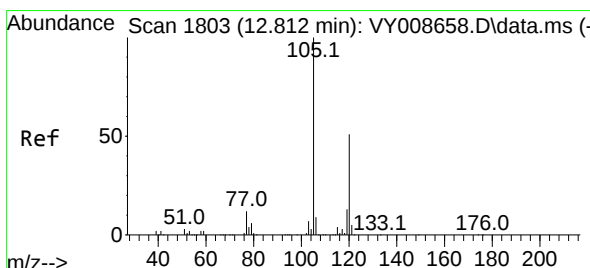
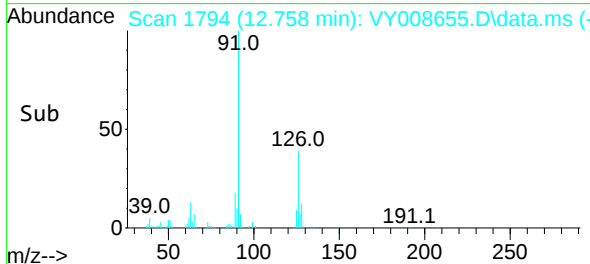
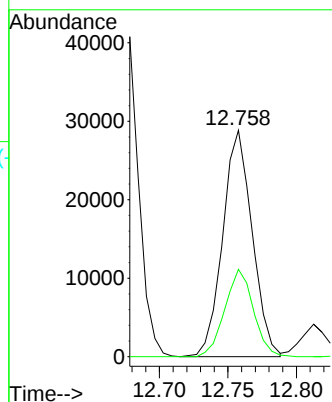
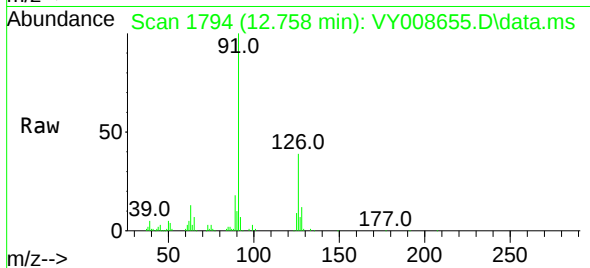




#79
2-Chlorotoluene
Concen: 5.049 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

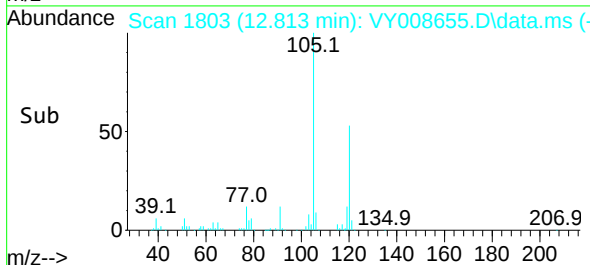
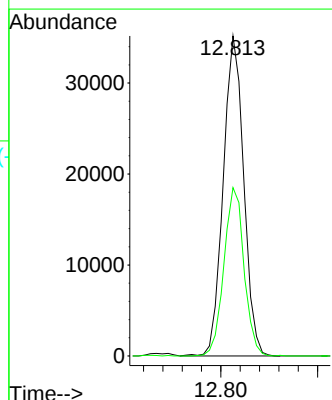
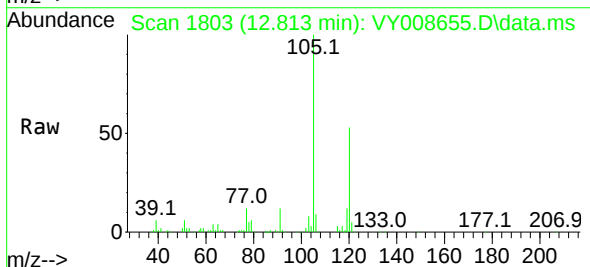
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

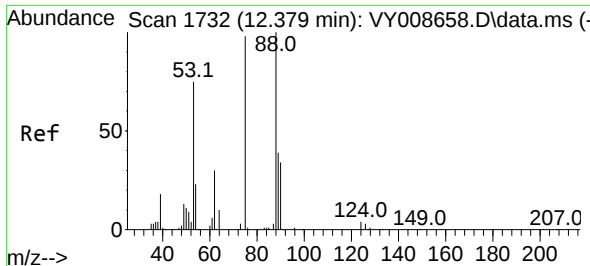
Tgt Ion: 91 Resp: 43148
Ion Ratio Lower Upper
91 100
126 37.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.912 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 105 Resp: 51668
Ion Ratio Lower Upper
105 100
120 51.6 24.4 73.4

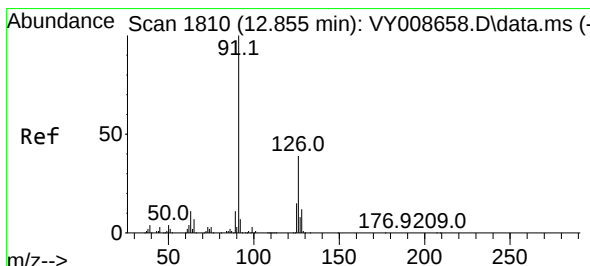
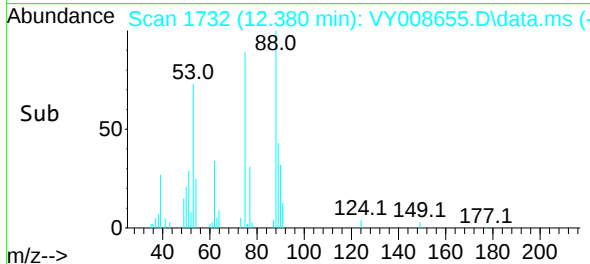
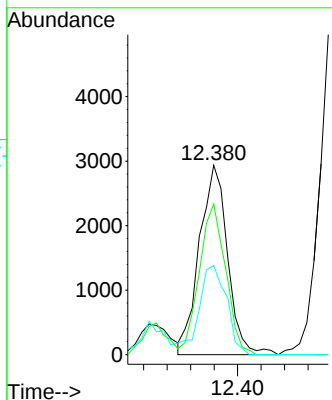
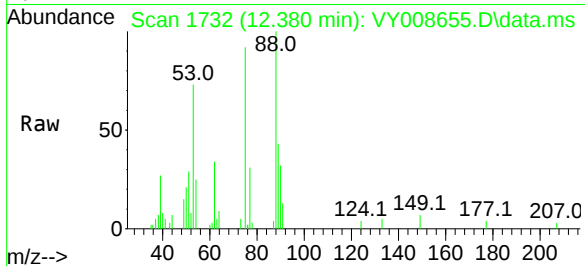




#81
trans-1,4-Dichloro-2-butene
Concen: 4.583 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

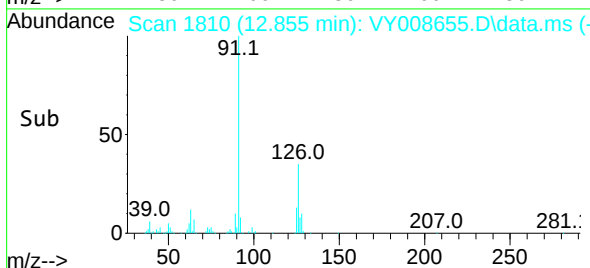
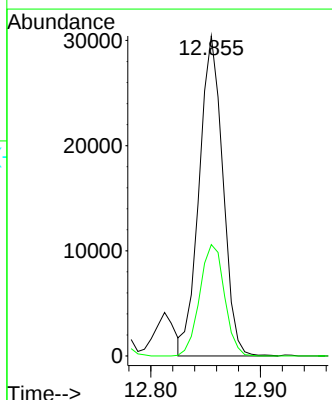
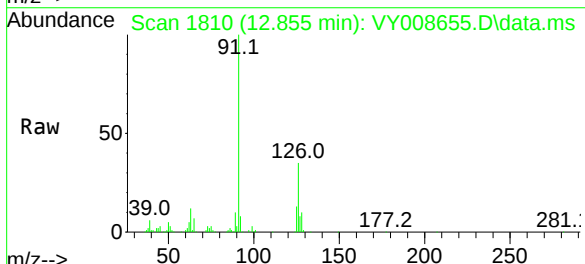
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

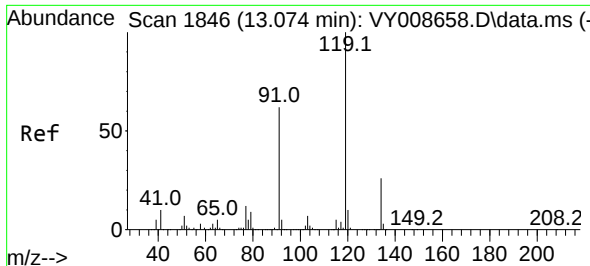
Tgt Ion: 75 Resp: 4904
Ion Ratio Lower Upper
75 100
53 74.3 85.3 127.9#
89 45.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.104 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 91 Resp: 45601
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0

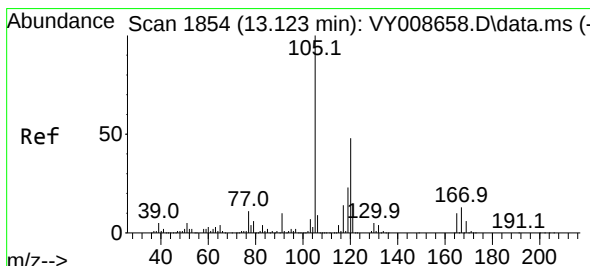
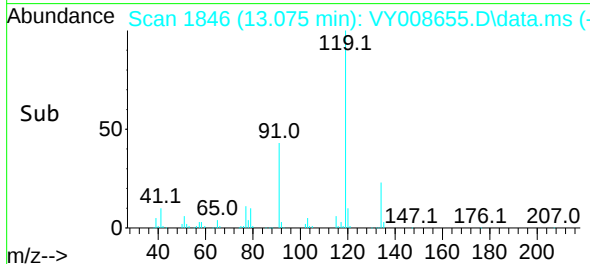
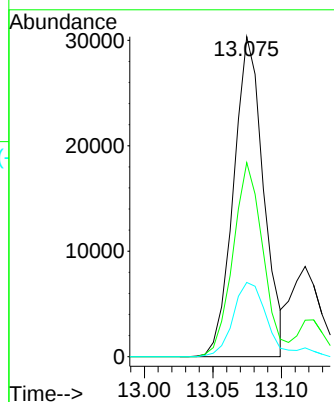
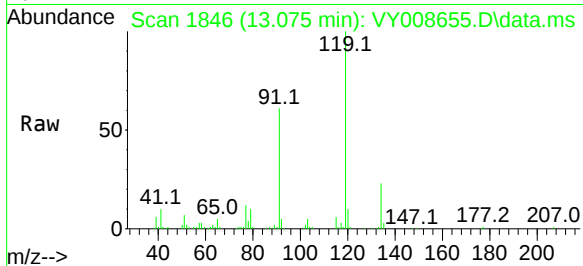




#83
tert-Butylbenzene
Concen: 4.788 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

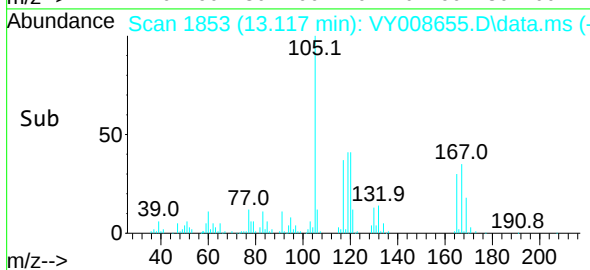
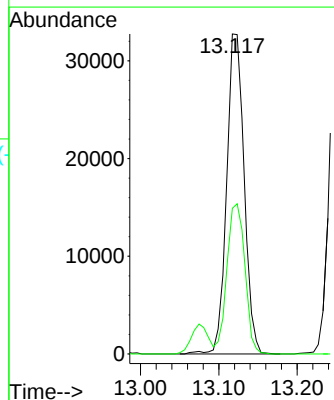
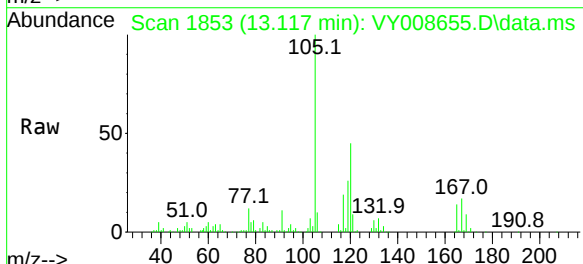
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

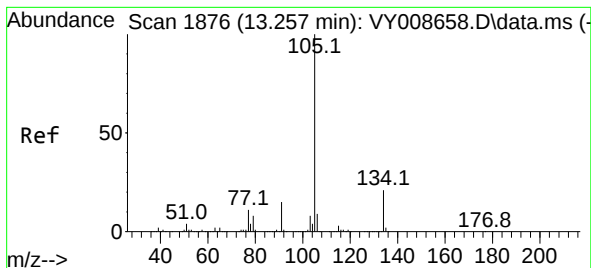
Tgt Ion:119 Resp: 46226
Ion Ratio Lower Upper
119 100
91 61.1 34.8 104.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.774 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:105 Resp: 50931
Ion Ratio Lower Upper
105 100
120 48.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.784 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

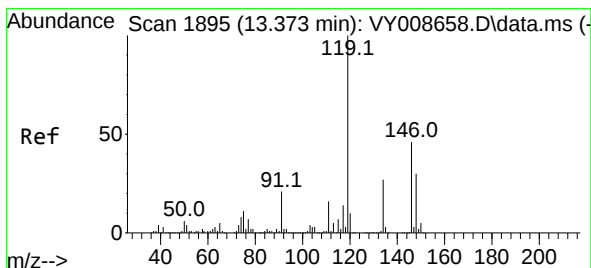
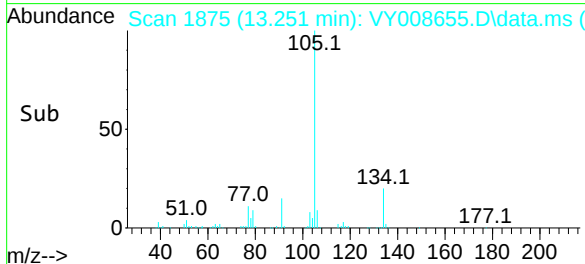
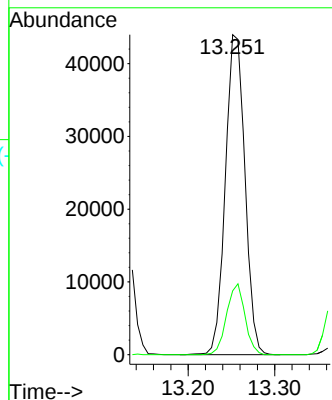
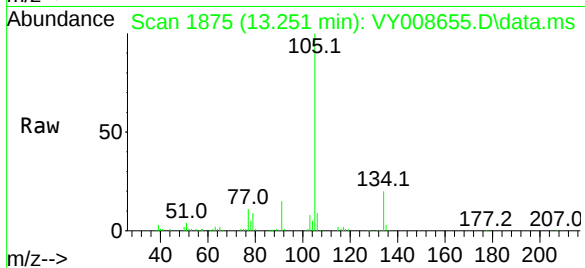
VSTDIC005

Tgt Ion:105 Resp: 68932

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.582 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

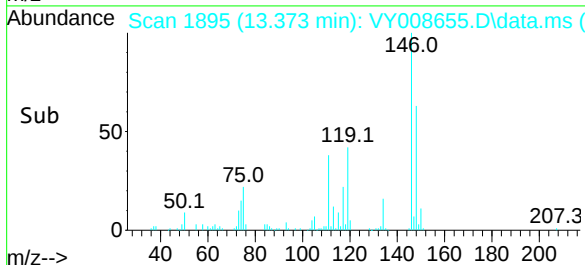
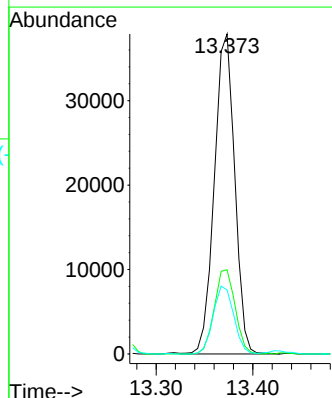
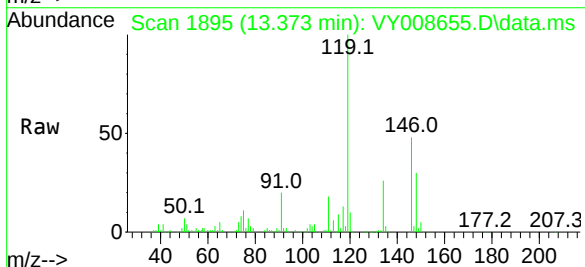
Tgt Ion:119 Resp: 55321

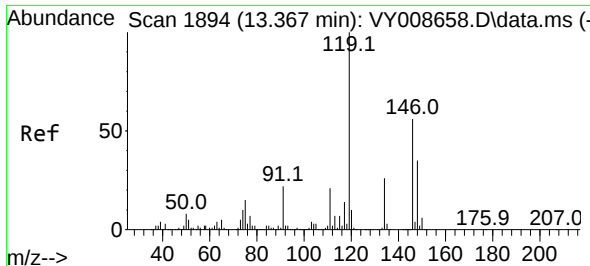
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 21.5 12.4 37.2

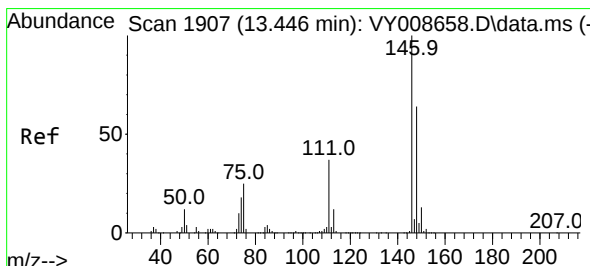
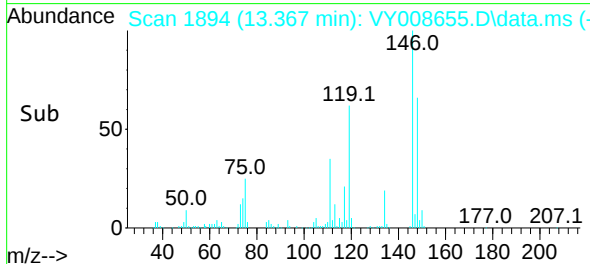
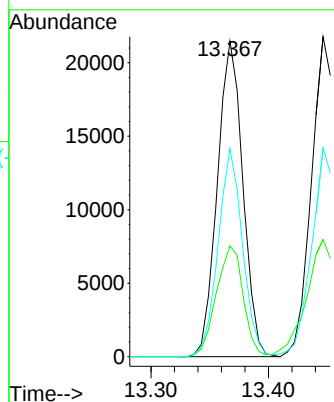
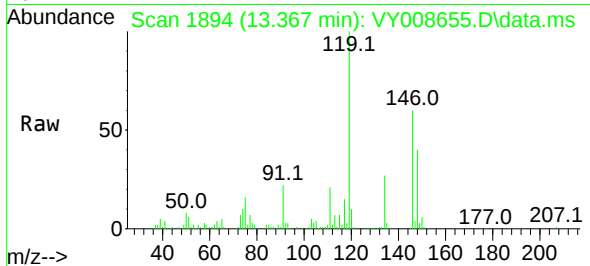




#87
 1,3-Dichlorobenzene
 Concen: 5.066 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

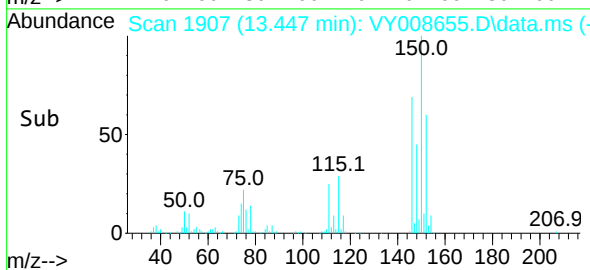
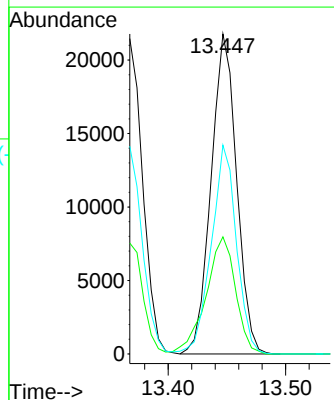
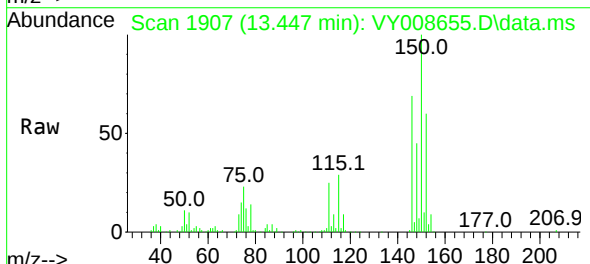
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

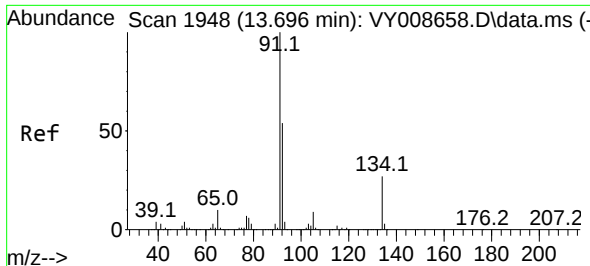
Tgt Ion:146 Resp: 32333
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.5 58.5
 148 63.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.172 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

Tgt Ion:146 Resp: 32916
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.3 57.8
 148 64.5 32.6 97.8

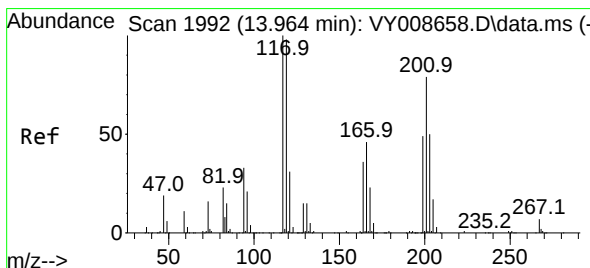
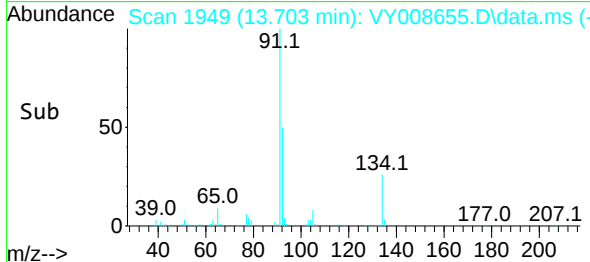
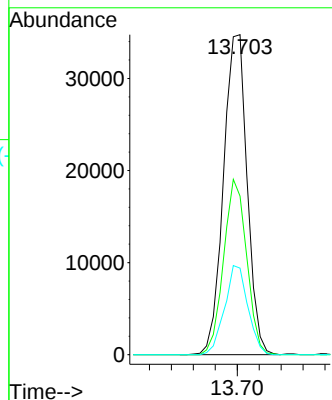
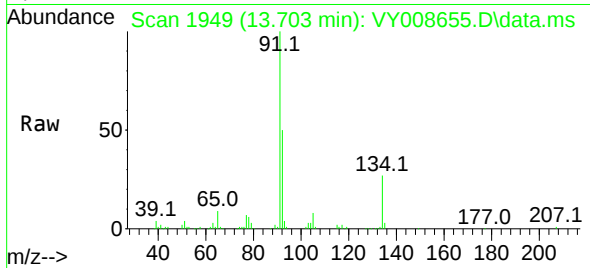




#89
n-Butylbenzene
Concen: 4.652 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

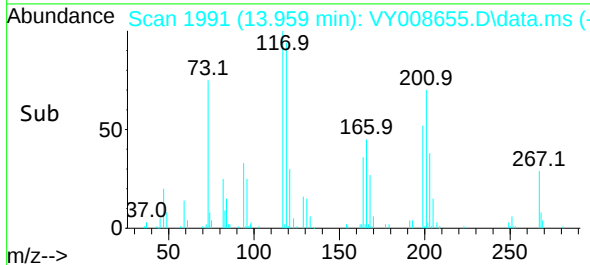
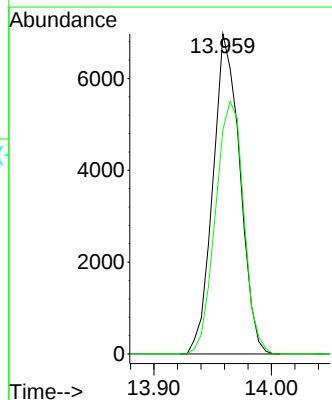
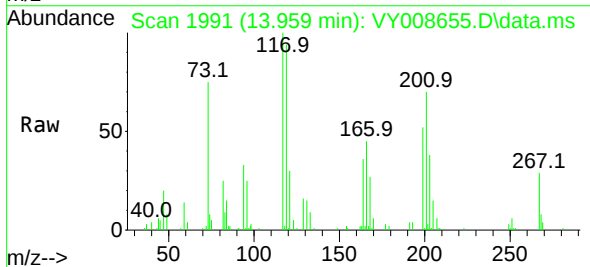
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

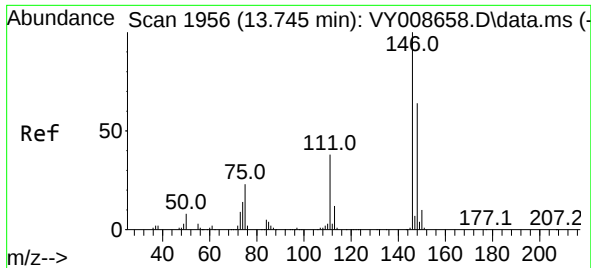
Tgt Ion: 91 Resp: 52106
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 27.4 13.0 38.9



#90
Hexachloroethane
Concen: 4.691 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion: 117 Resp: 11103
Ion Ratio Lower Upper
117 100
201 82.8 43.0 128.8

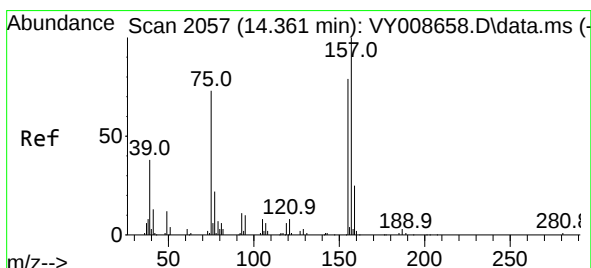
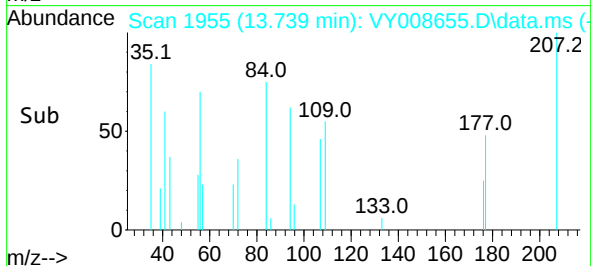
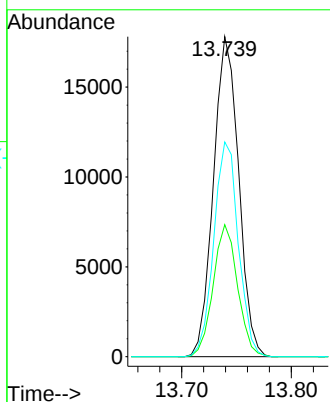
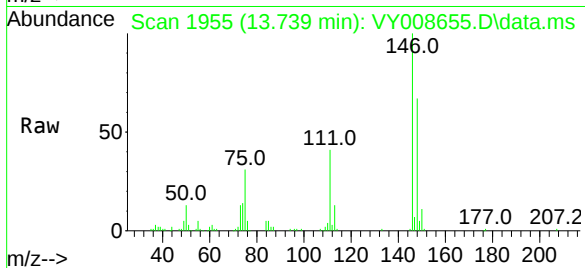




#91
 1,2-Dichlorobenzene
 Concen: 5.053 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

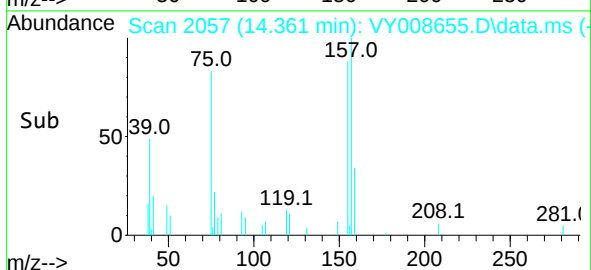
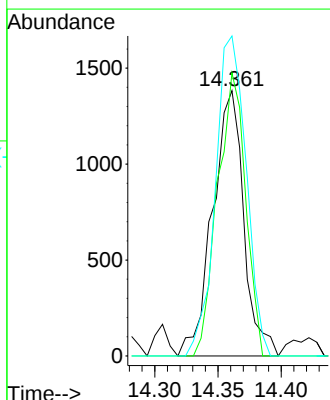
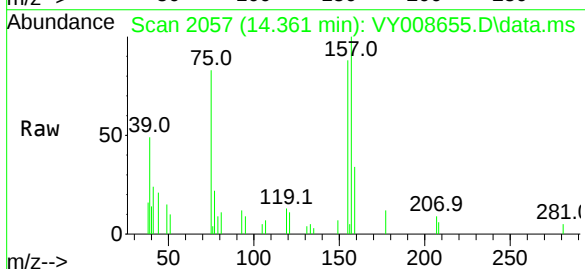
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

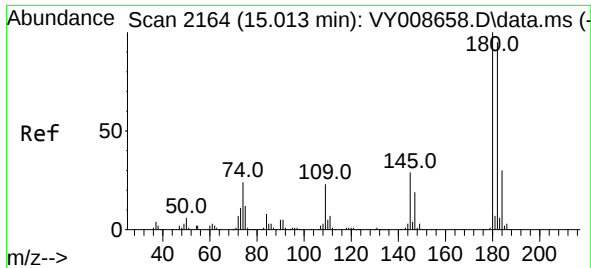
Tgt Ion:146 Resp: 28451
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.9
 148 65.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.047 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VY008655.D
 Acq: 09 May 2022 10:00

Tgt Ion: 75 Resp: 2363
 Ion Ratio Lower Upper
 75 100
 155 96.1 38.0 113.9
 157 119.0 47.8 143.3

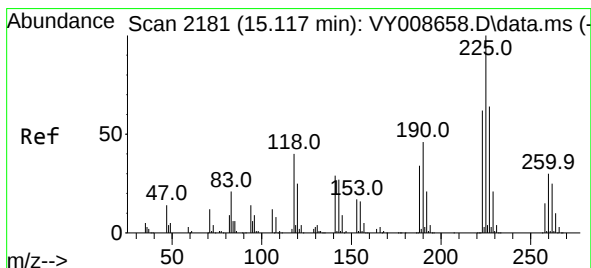
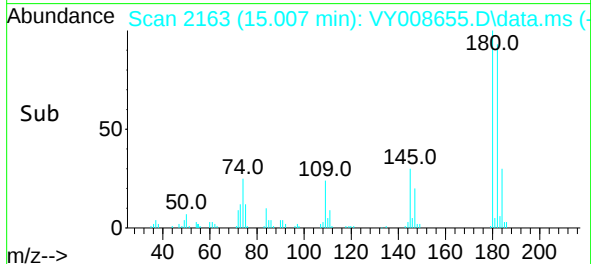
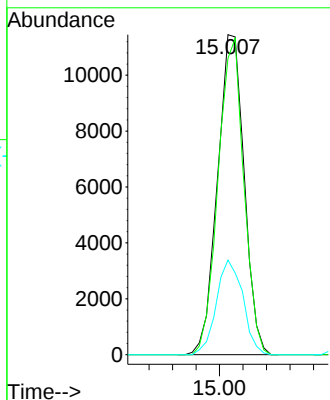
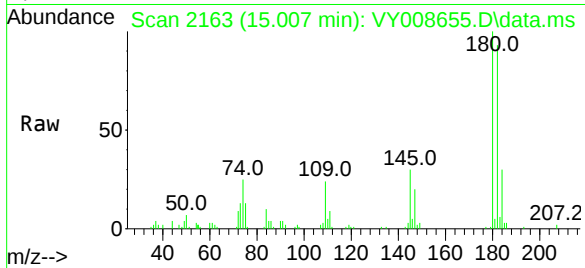




#93
1,2,4-Trichlorobenzene
Concen: 4.957 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

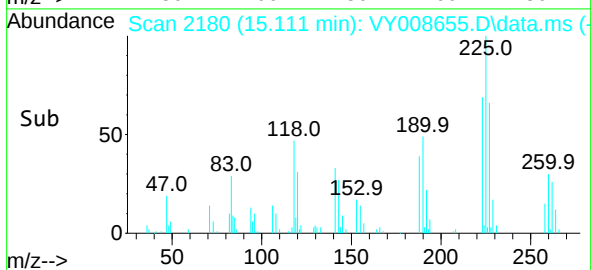
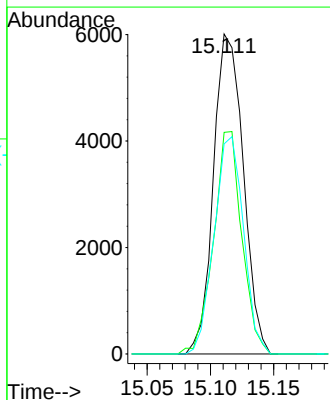
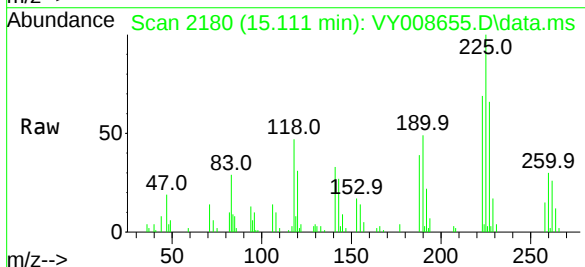
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

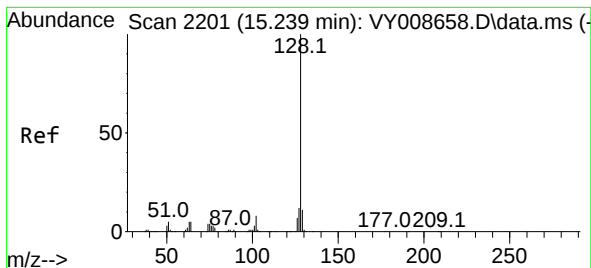
Tgt Ion:180 Resp: 18066
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 29.4 14.6 43.8



#94
Hexachlorobutadiene
Concen: 5.128 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY008655.D
Acq: 09 May 2022 10:00

Tgt Ion:225 Resp: 9853
Ion Ratio Lower Upper
225 100
223 66.0 30.8 92.3
227 67.0 31.6 94.7





#95

Naphthalene

Concen: 4.696 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

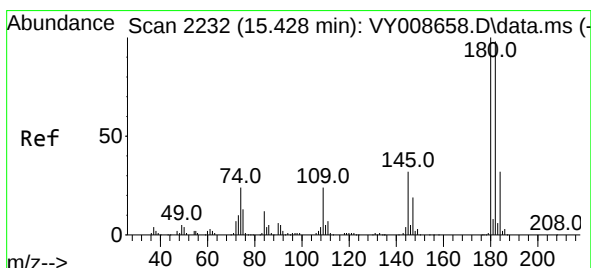
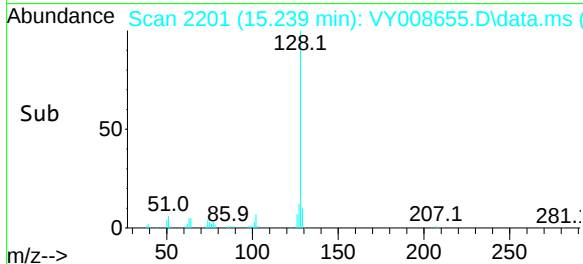
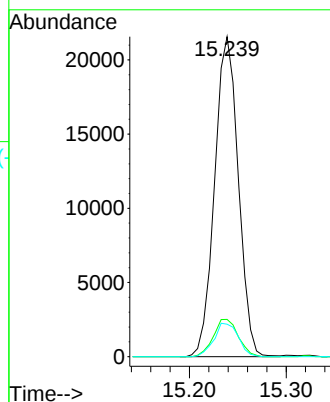
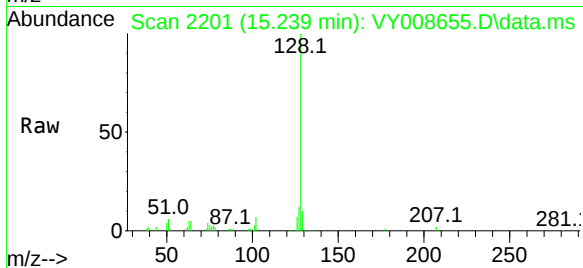
Tgt Ion:128 Resp: 36668

Ion Ratio Lower Upper

128 100

127 12.3 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 4.787 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY008655.D

Acq: 09 May 2022 10:00

Tgt Ion:180 Resp: 15444

Ion Ratio Lower Upper

180 100

182 100.9 47.3 141.9

145 32.1 15.3 45.9

