

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008669.D
 Acq On : 10 May 2022 10:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 10 15:55:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	102335	49.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.716	113	114968	49.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	403885	49.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.483	95	146028	50.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	55527	43.793	ug/l	97
3) Chloromethane	2.113	50	63619	40.755	ug/l	94
4) Vinyl Chloride	2.259	62	92699	46.774	ug/l	98
5) Bromomethane	2.662	94	73579	46.197	ug/l	98
6) Chloroethane	2.802	64	54872	40.353	ug/l	94
7) Trichlorofluoromethane	3.119	101	108913	45.418	ug/l	92
8) Diethyl Ether	3.527	74	74569	49.154	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	120783	49.222	ug/l	94
10) Methyl Iodide	4.082	142	204688	50.263	ug/l #	87
11) Tert butyl alcohol	5.015	59	14261	71.077	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	129562	51.020	ug/l #	75
13) Acrolein	3.735	56	55035	268.111	ug/l	96
14) Allyl chloride	4.472	41	160638	48.897	ug/l #	84
15) Acrylonitrile	5.173	53	156850	230.724	ug/l	96
16) Acetone	3.973	43	114969	234.430	ug/l #	86
17) Carbon Disulfide	4.192	76	334727	49.699	ug/l	99
18) Methyl Acetate	4.479	43	67164	46.020	ug/l #	79
19) Methyl tert-butyl Ether	5.216	73	225088	48.082	ug/l	97
20) Methylene Chloride	4.710	84	140837	47.289	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	143056	50.121	ug/l #	79
22) Diisopropyl ether	6.118	45	355783	50.029	ug/l #	89
23) Vinyl Acetate	6.058	43	1179148	262.500	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	227148	49.746	ug/l	97
25) 2-Butanone	6.990	43	179254	222.356	ug/l #	79
26) 2,2-Dichloropropane	6.972	77	146019	47.835	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	159188	49.335	ug/l	77
28) Bromochloromethane	7.332	49	80902	49.962	ug/l #	65
29) Tetrahydrofuran	7.356	42	119173	221.192	ug/l #	74
30) Chloroform	7.502	83	238353	49.359	ug/l	96
31) Cyclohexane	7.783	56	191569	46.588	ug/l	86
32) 1,1,1-Trichloroethane	7.697	97	197330	49.863	ug/l #	94
36) 1,1-Dichloropropene	7.911	75	184355	49.811	ug/l	95
37) Ethyl Acetate	7.069	43	90533	49.195	ug/l #	91
38) Carbon Tetrachloride	7.899	117	190470	50.882	ug/l	98
39) Methylcyclohexane	9.179	83	238797	49.888	ug/l #	85
40) Benzene	8.155	78	539252	50.148	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47631	46.977	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	140531	50.415	ug/l	87
43) Isopropyl Acetate	8.271	43	166291	49.743	ug/l #	84
44) Trichloroethene	8.935	130	156799	49.965	ug/l	99
45) 1,2-Dichloropropane	9.215	63	131493	50.119	ug/l	94
46) Dibromomethane	9.307	93	83063	50.585	ug/l	97
47) Bromodichloromethane	9.496	83	186176	50.775	ug/l	97
48) Methyl methacrylate	9.295	41	74846	51.431	ug/l #	73
49) 1,4-Dioxane	9.343	88	7195	362.341	ug/l #	1
51) 4-Methyl-2-Pentanone	10.069	43	431692	246.898	ug/l #	83
52) Toluene	10.240	92	353887	50.551	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	199804	50.709	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	229491	51.038	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	118873	50.763	ug/l	96
56) Ethyl methacrylate	10.508	69	154833	52.251	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	194466	50.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	386517	263.427	ug/l	91
59) 2-Hexanone	10.831	43	296455	247.556	ug/l	79
60) Dibromochloromethane	10.983	129	145645	51.219	ug/l	100
61) 1,2-Dibromoethane	11.087	107	116436	50.457	ug/l	100
64) Tetrachloroethene	10.721	164	130794	48.641	ug/l	98
65) Chlorobenzene	11.514	112	390799	50.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	147690	51.531	ug/l	97
67) Ethyl Benzene	11.593	91	674533	50.861	ug/l	96
68) m/p-Xylenes	11.703	106	533288	100.501	ug/l	90
69) o-Xylene	12.032	106	258414	51.334	ug/l	89
70) Styrene	12.044	104	435506	52.103	ug/l	93
71) Bromoform	12.209	173	95615	51.764	ug/l #	100
73) Isopropylbenzene	12.331	105	666187	49.797	ug/l	99
74) N-amyl acetate	12.142	43	152741	50.849	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	138215	49.359	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	170251	86.249	ug/l #	100
77) Bromobenzene	12.611	156	165456	49.430	ug/l	88
78) n-propylbenzene	12.672	91	794006	49.919	ug/l	97
79) 2-Chlorotoluene	12.758	91	440345	50.042	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	548685	50.638	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	49640	50.032	ug/l #	77
82) 4-Chlorotoluene	12.855	91	448971	49.202	ug/l	94
83) tert-Butylbenzene	13.075	119	483252	49.715	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	542326	50.682	ug/l	97
85) sec-Butylbenzene	13.257	105	718776	50.030	ug/l	99
86) p-Isopropyltoluene	13.373	119	606079	50.768	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	323963	50.034	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	318875	49.669	ug/l	98
89) n-Butylbenzene	13.696	91	549831	50.325	ug/l	97
90) Hexachloroethane	13.965	117	116885	50.427	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	288067	50.159	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19859	47.918	ug/l	57
93) 1,2,4-Trichlorobenzene	15.013	180	186441	50.818	ug/l	99
94) Hexachlorobutadiene	15.117	225	99976	49.729	ug/l	98
95) Naphthalene	15.239	128	391398	52.146	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	165680	51.243	ug/l	99

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QLast Update : Mon May 09 19:21:20 2022
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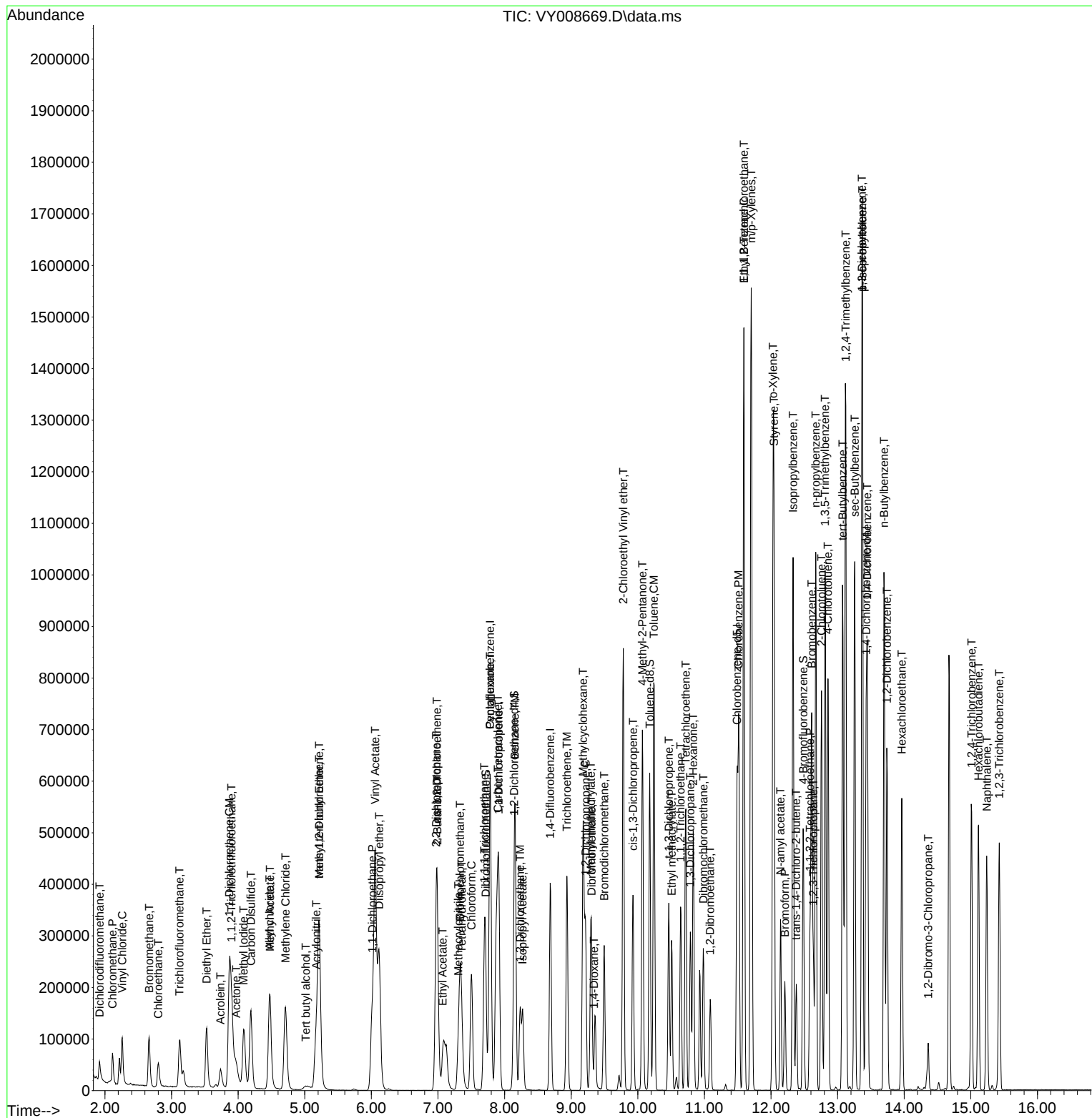
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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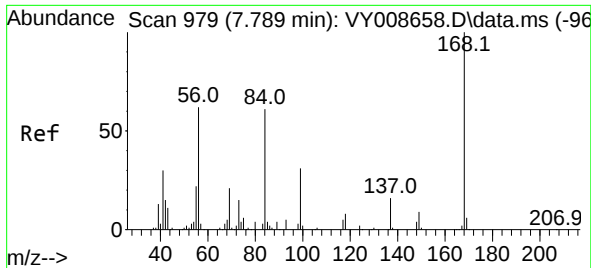
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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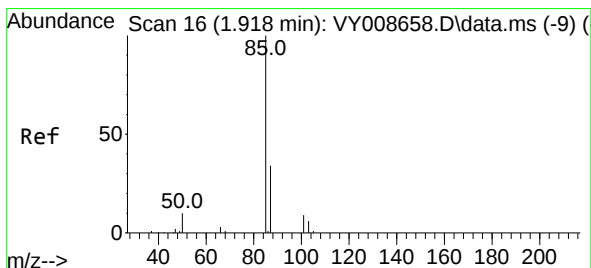
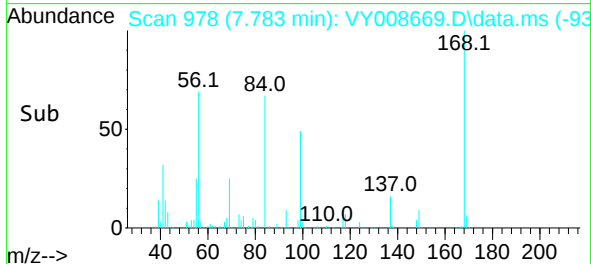
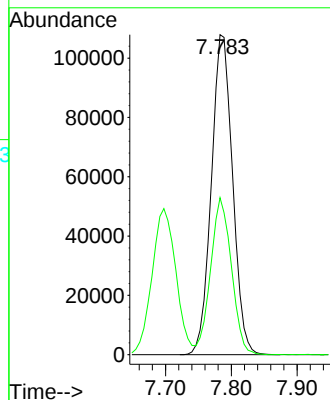
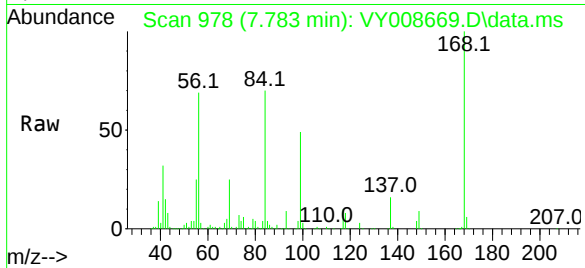




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008669.D
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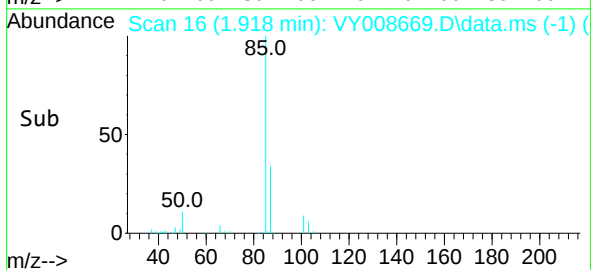
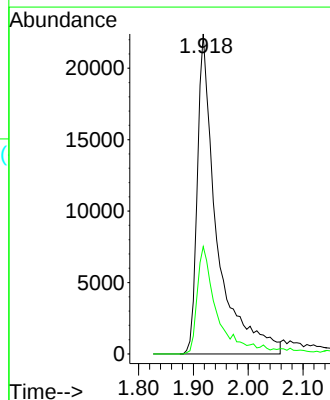
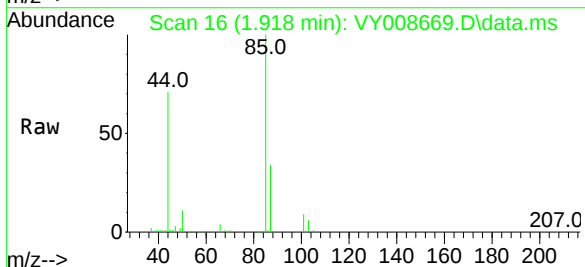
Instrument :
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ClientSampleId :
VSTDCCC050

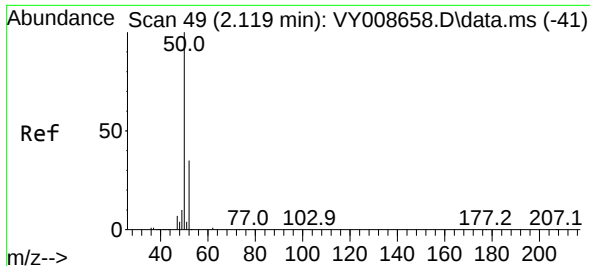
Tgt Ion:168 Resp: 242597
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 43.793 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 85 Resp: 55527
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

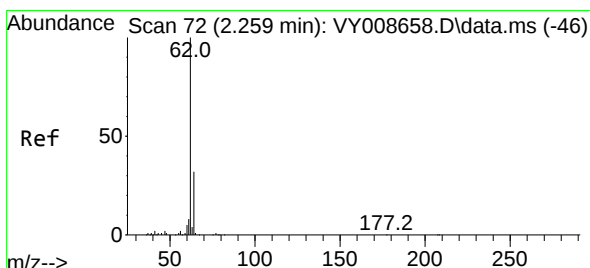
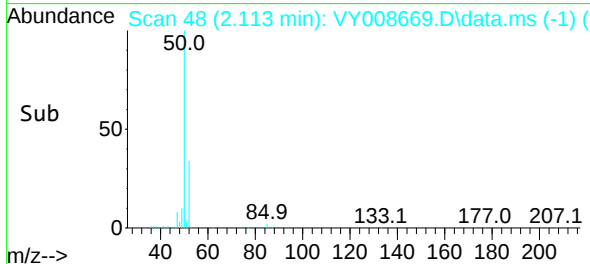
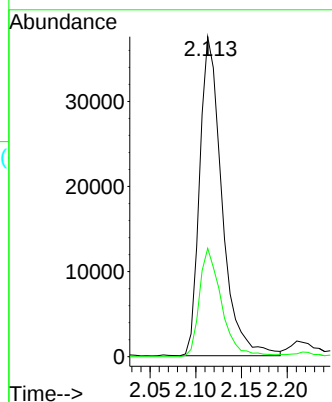
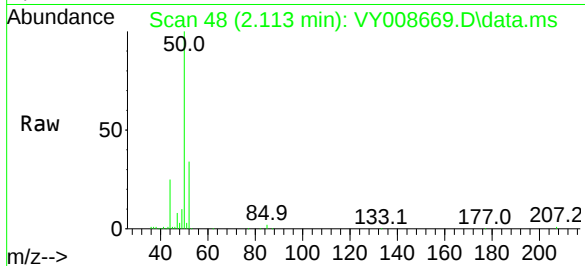




#3
Chloromethane
Concen: 40.755 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

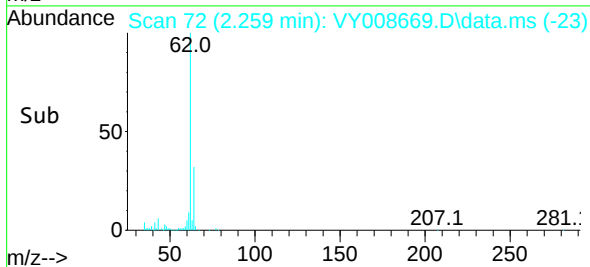
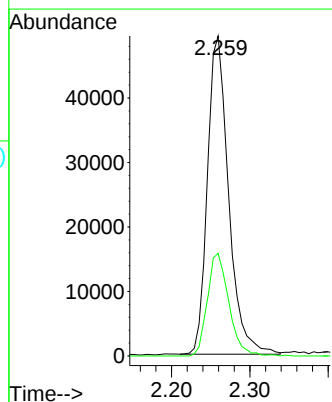
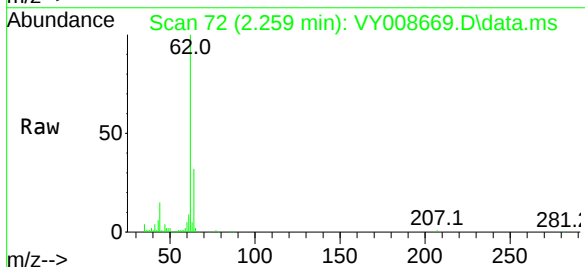
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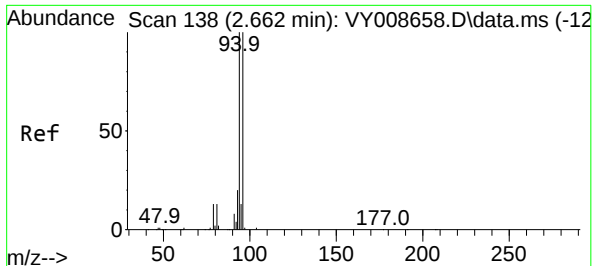
Tgt Ion: 50 Resp: 63619
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#4
Vinyl Chloride
Concen: 46.774 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 62 Resp: 92699
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

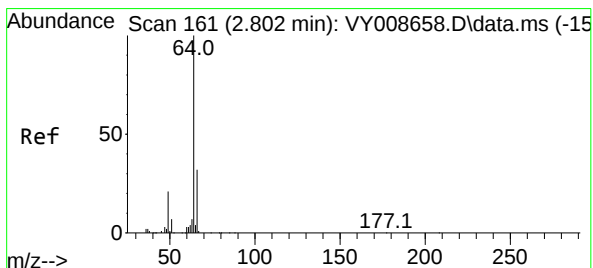
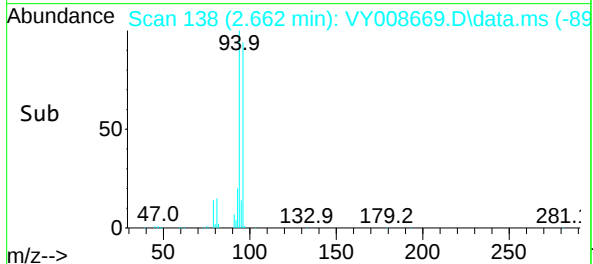
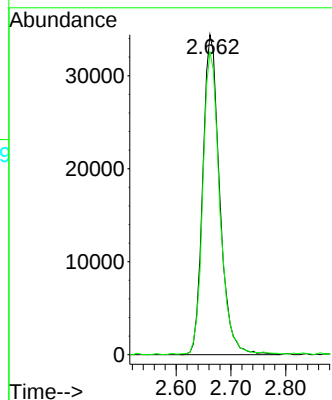
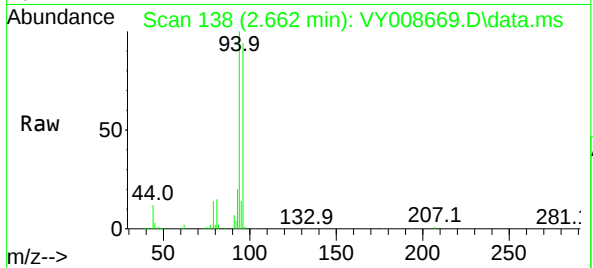




#5
Bromomethane
Concen: 46.197 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008669.D
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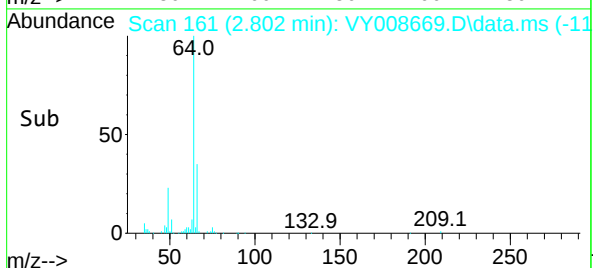
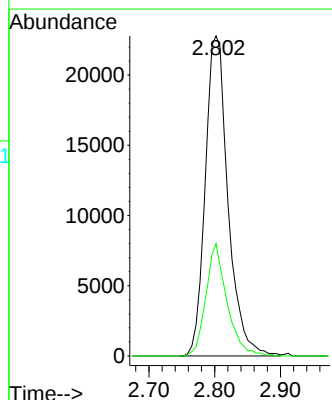
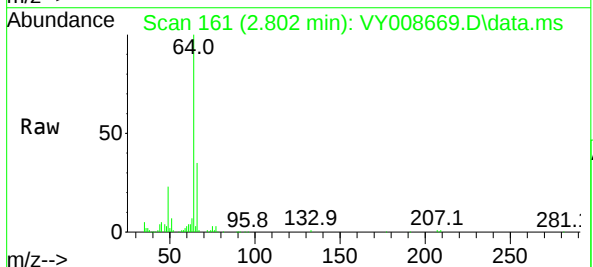
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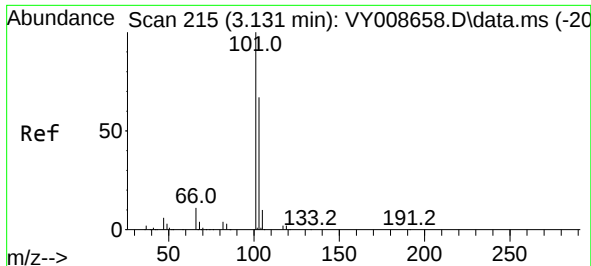
Tgt Ion: 94 Resp: 73579
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3



#6
Chloroethane
Concen: 40.353 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 64 Resp: 54872
Ion Ratio Lower Upper
64 100
66 35.1 25.4 38.0

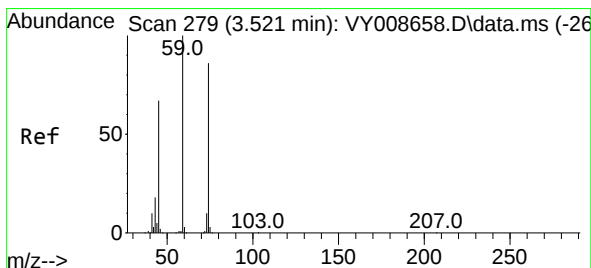
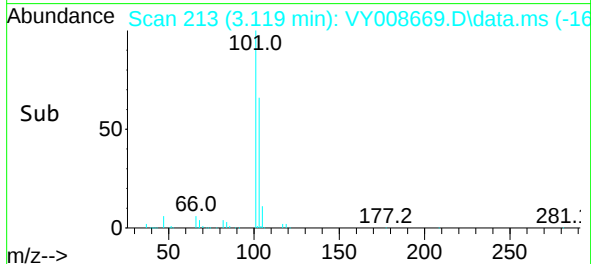
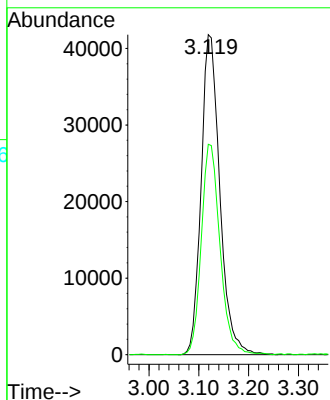
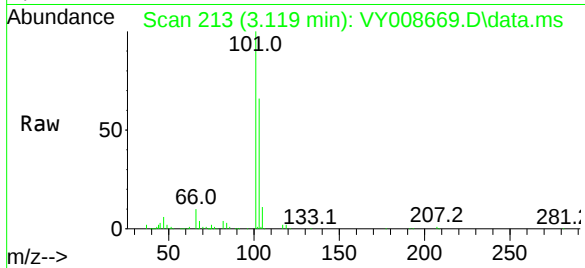




#7
 Trichlorofluoromethane
 Concen: 45.418 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

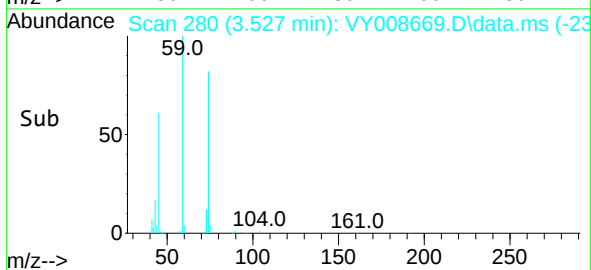
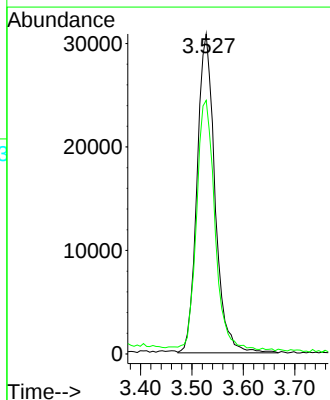
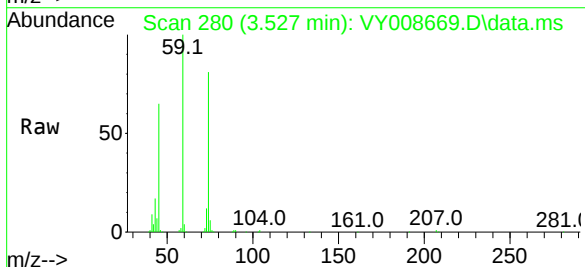
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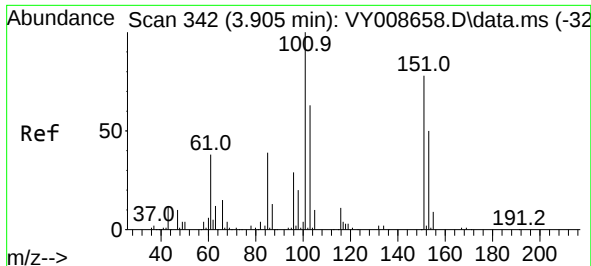
Tgt Ion:101 Resp: 108913
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 49.154 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

Tgt Ion: 74 Resp: 74569
 Ion Ratio Lower Upper
 74 100
 45 79.4 55.1 165.5

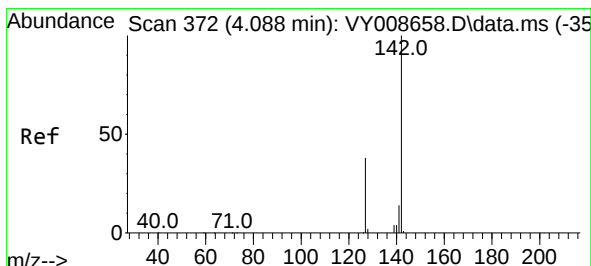
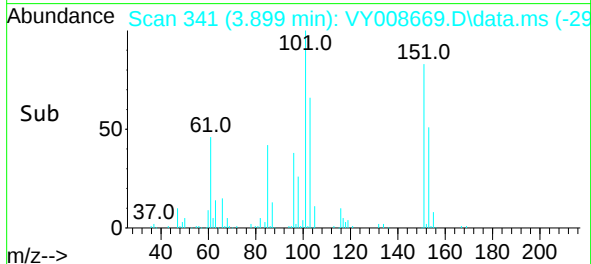
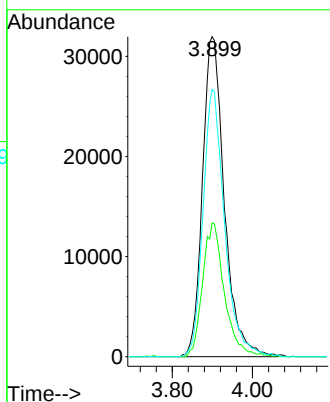
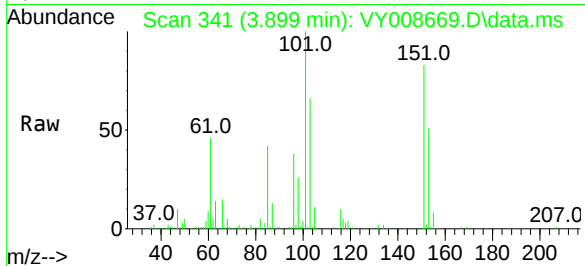




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.222 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

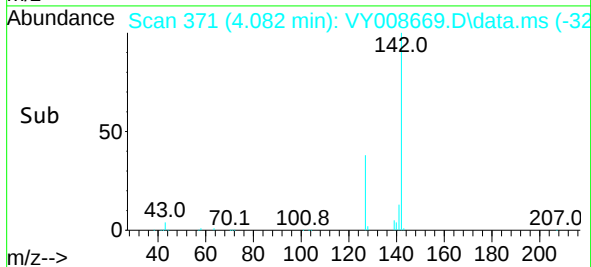
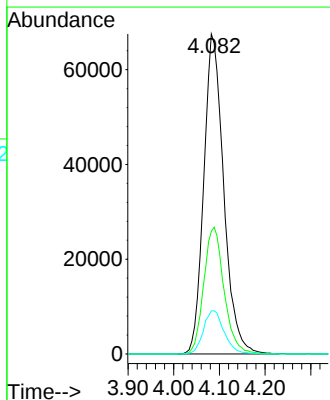
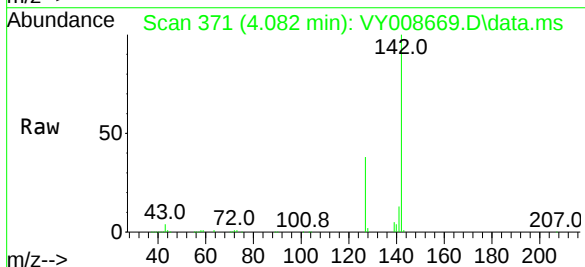
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

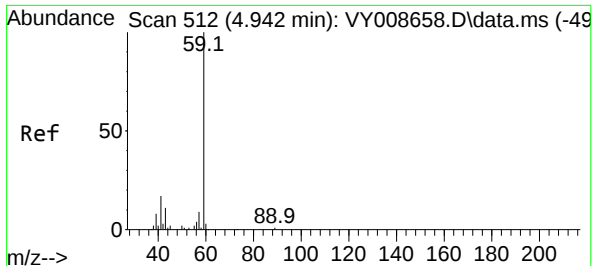
Tgt Ion:101 Resp: 120783
Ion Ratio Lower Upper
101 100
85 41.7 40.6 60.8
151 82.8 64.9 97.3



#10
Methyl Iodide
Concen: 50.263 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion:142 Resp: 204688
Ion Ratio Lower Upper
142 100
127 40.2 41.5 62.3#
141 14.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 71.077 ug/l

RT: 5.015 min Scan# 512

Delta R.T. 0.073 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

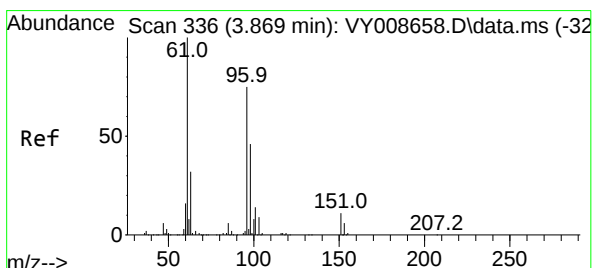
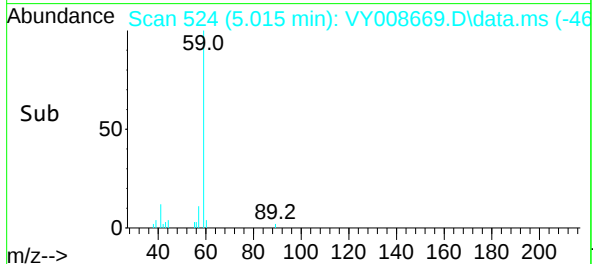
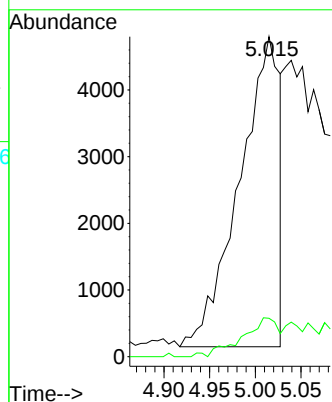
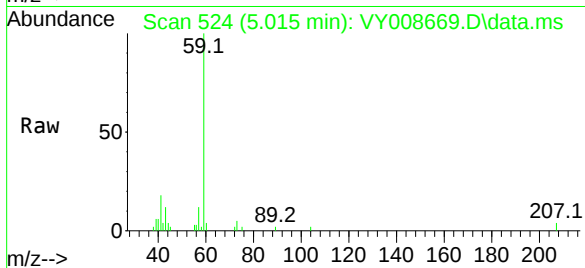
VSTDCCC050

Tgt Ion: 59 Resp: 14261

Ion Ratio Lower Upper

59 100

57 11.2 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 51.020 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

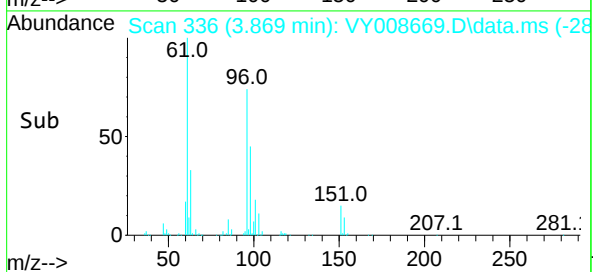
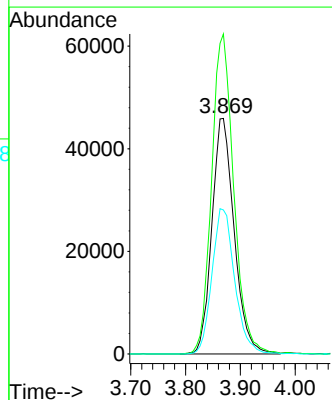
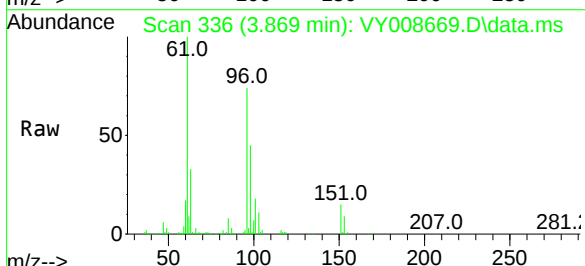
Tgt Ion: 96 Resp: 129562

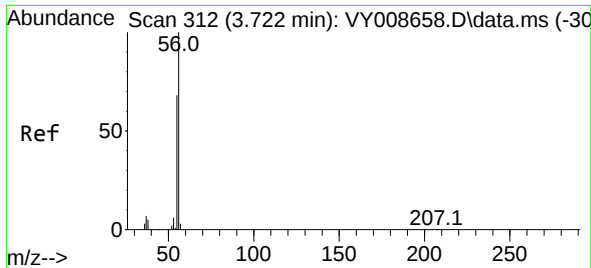
Ion Ratio Lower Upper

96 100

61 135.9 145.8 218.6#

98 61.2 52.5 78.7

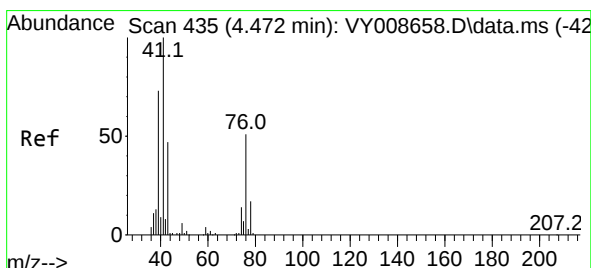
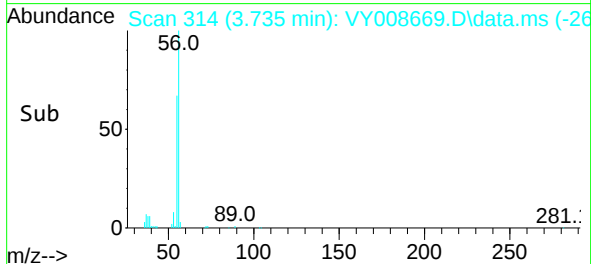
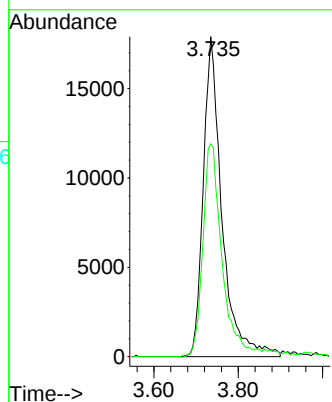
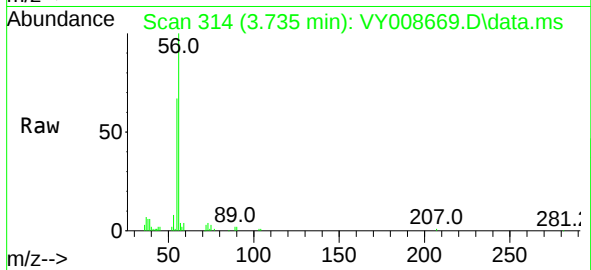




#13
Acrolein
Concen: 268.111 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.013 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

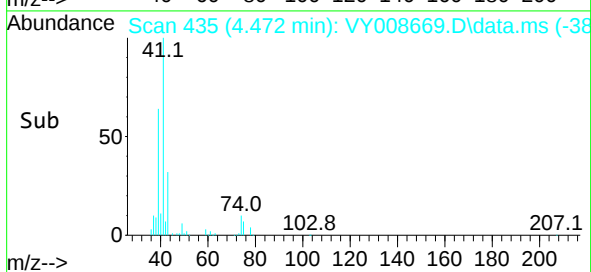
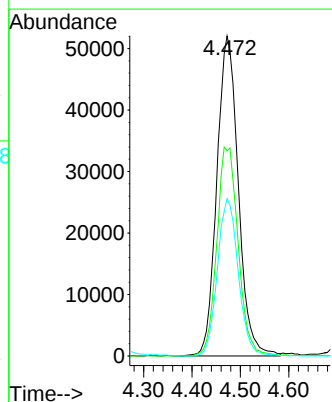
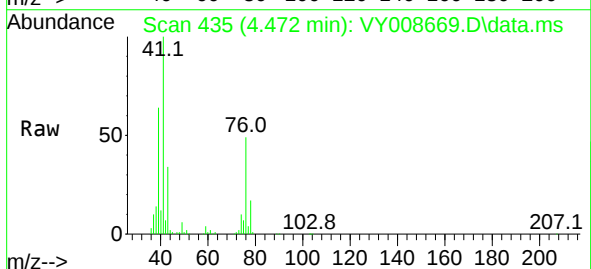
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

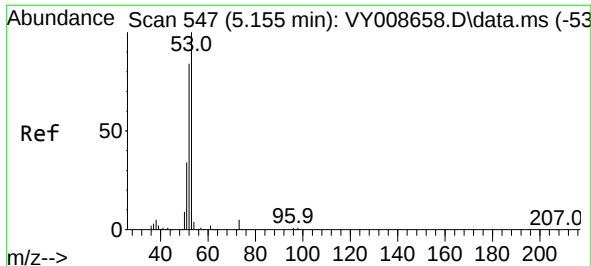
Tgt Ion: 56 Resp: 55035
Ion Ratio Lower Upper
56 100
55 68.3 57.6 86.4



#14
Allyl chloride
Concen: 48.897 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

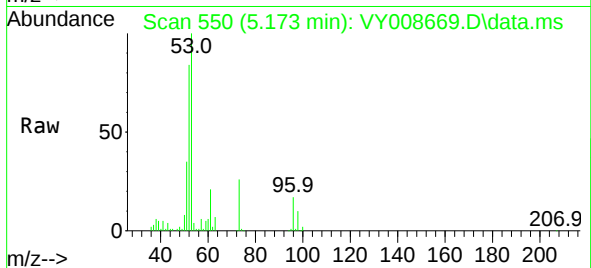
Tgt Ion: 41 Resp: 160638
Ion Ratio Lower Upper
41 100
39 65.2 58.8 88.2
76 47.9 25.1 37.7#



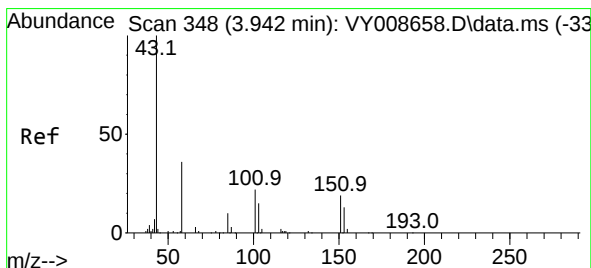
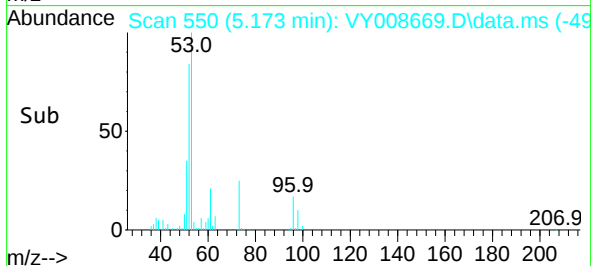
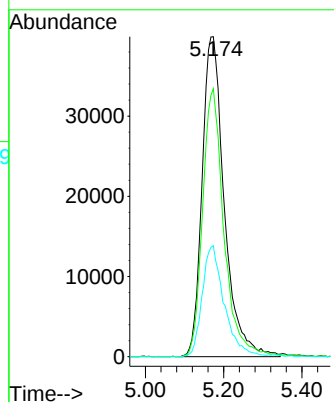


#15
Acrylonitrile
Concen: 230.724 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

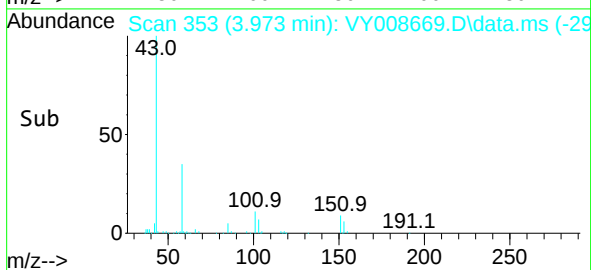
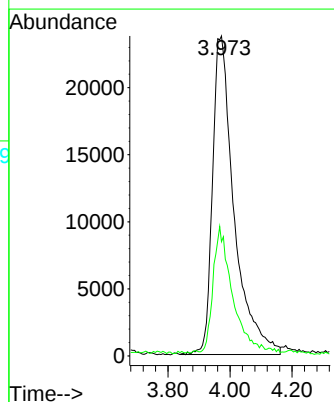
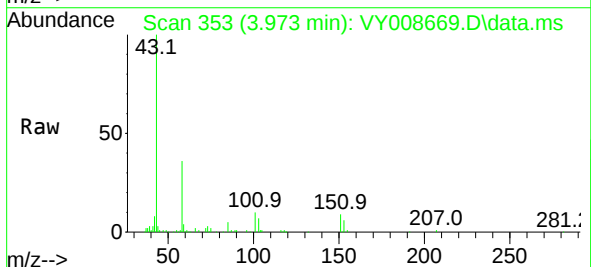


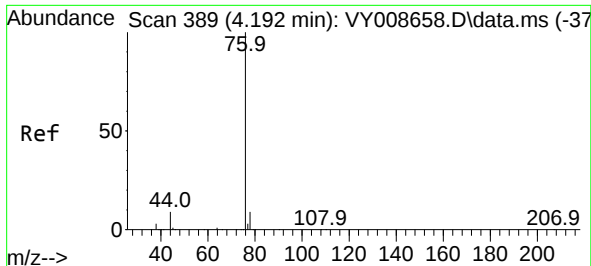
Tgt Ion: 53 Resp: 156850
Ion Ratio Lower Upper
53 100
52 80.4 67.0 100.4
51 34.4 29.8 44.6



#16
Acetone
Concen: 234.430 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 43 Resp: 114969
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#

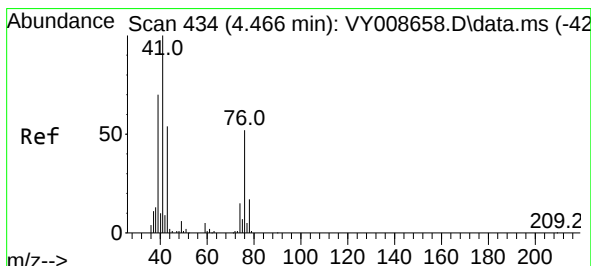
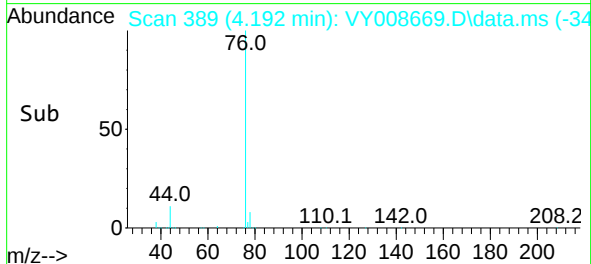
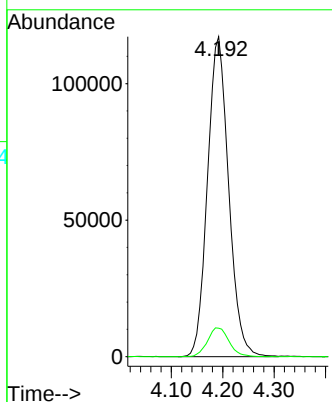
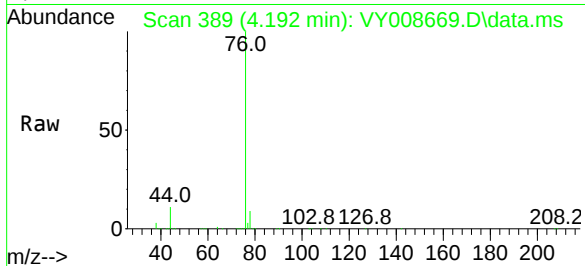




#17
Carbon Disulfide
Concen: 49.699 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

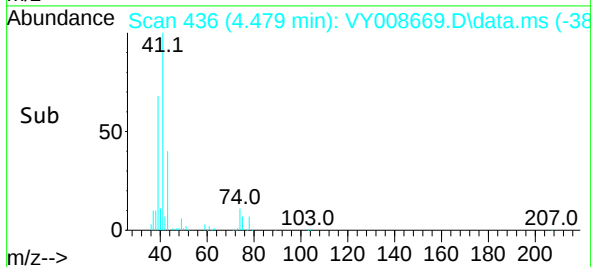
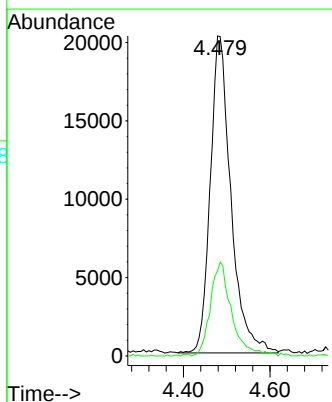
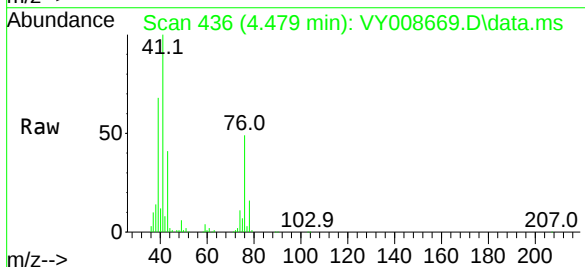
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

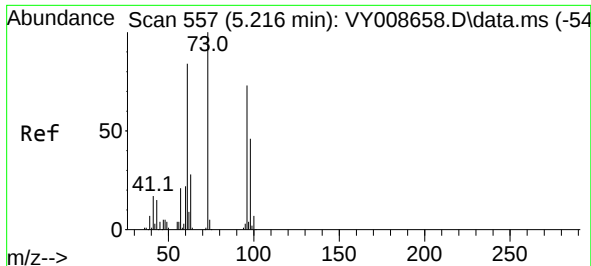
Tgt Ion: 76 Resp: 334727
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 46.020 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 43 Resp: 67164
Ion Ratio Lower Upper
43 100
74 30.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 48.082 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

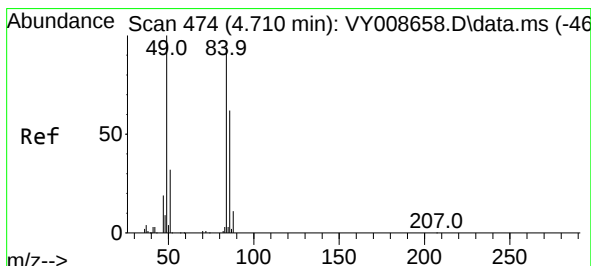
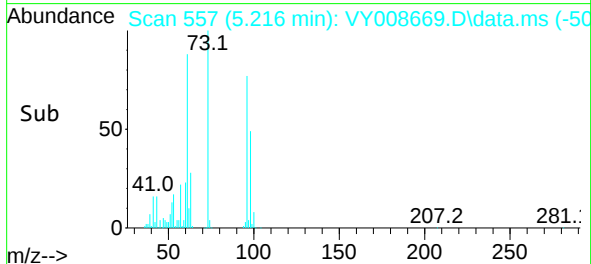
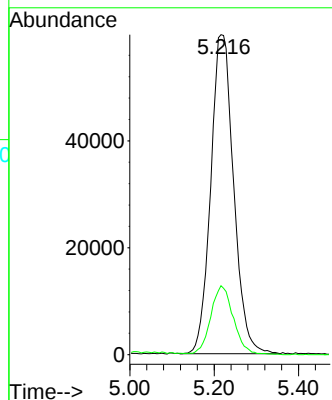
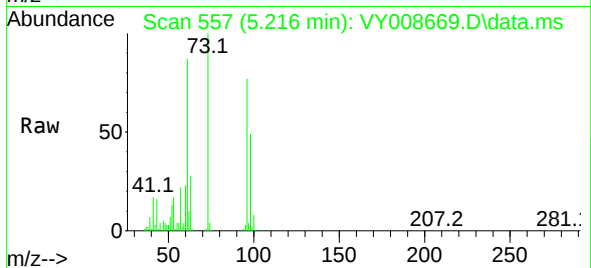
VSTDCCC050

Tgt Ion: 73 Resp: 225088

Ion Ratio Lower Upper

73 100

57 21.5 18.6 27.8



#20

Methylene Chloride

Concen: 47.289 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Tgt Ion: 84 Resp: 140837

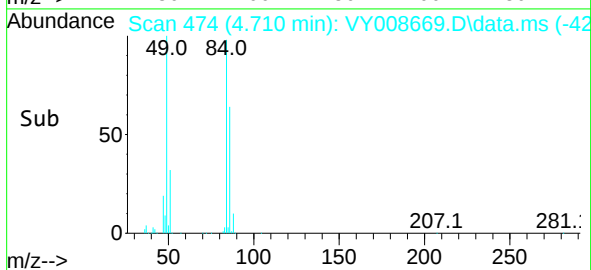
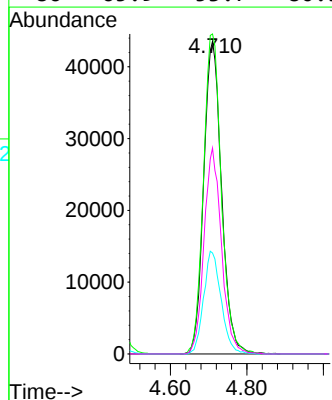
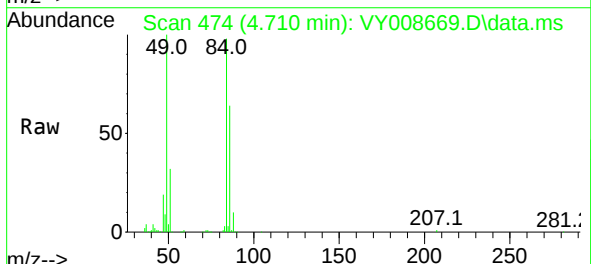
Ion Ratio Lower Upper

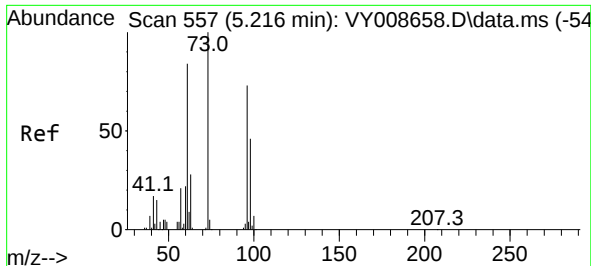
84 100

49 102.3 114.4 171.6#

51 32.3 35.3 52.9#

86 65.9 53.7 80.5

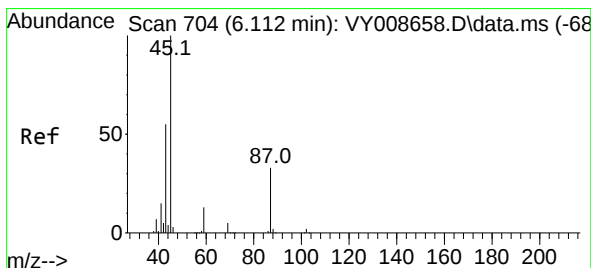
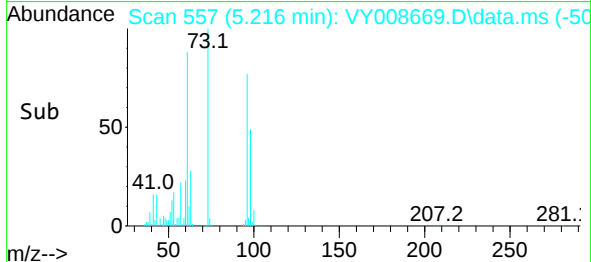
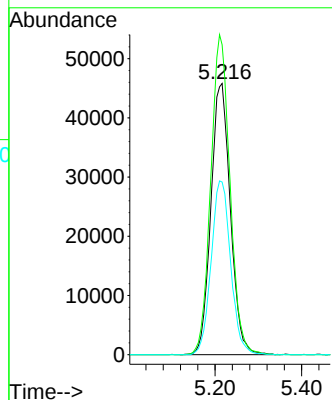
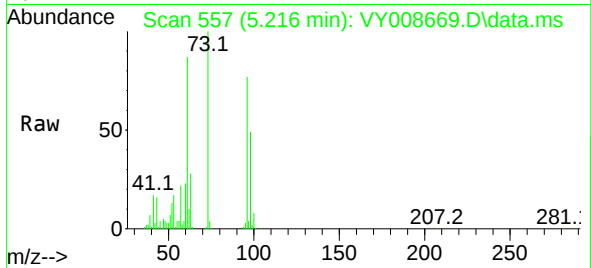




#21
trans-1,2-Dichloroethene
Concen: 50.121 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

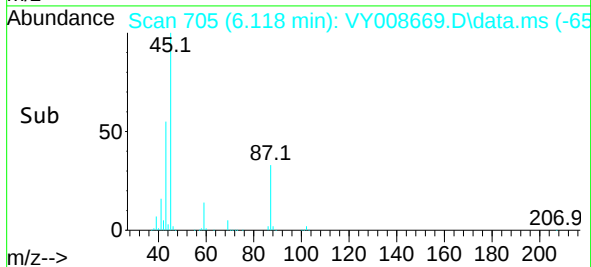
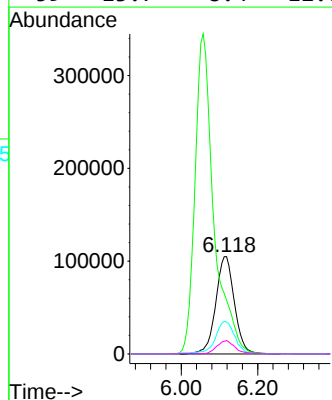
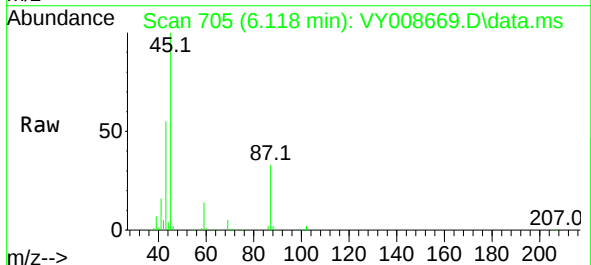
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

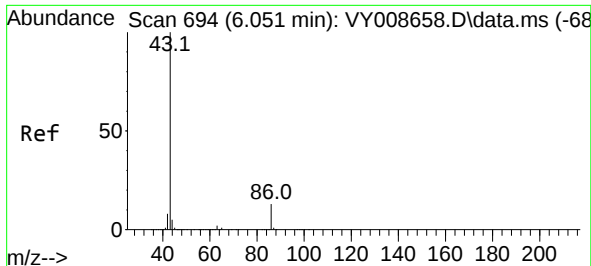
Tgt Ion: 96 Resp: 143056
Ion Ratio Lower Upper
96 100
61 114.2 120.5 180.7#
98 63.7 49.8 74.8



#22
Diisopropyl ether
Concen: 50.029 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 45 Resp: 355783
Ion Ratio Lower Upper
45 100
43 54.9 49.3 73.9
87 32.6 19.2 28.8#
59 13.7 8.4 12.6#

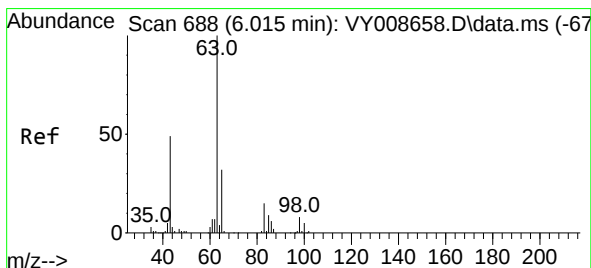
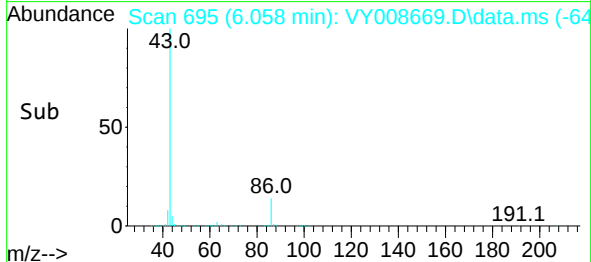
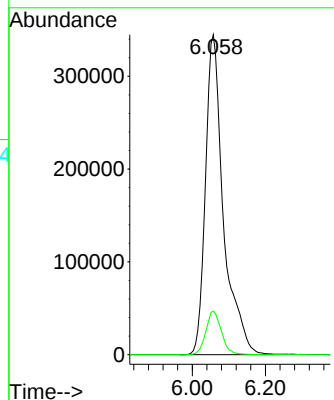
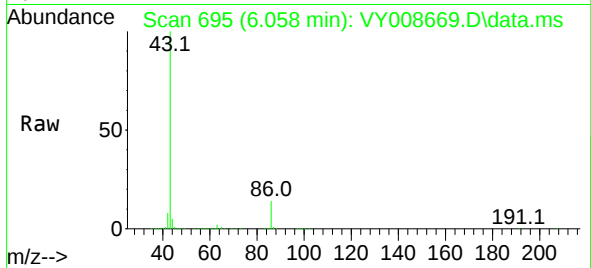




#23
 Vinyl Acetate
 Concen: 262.500 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

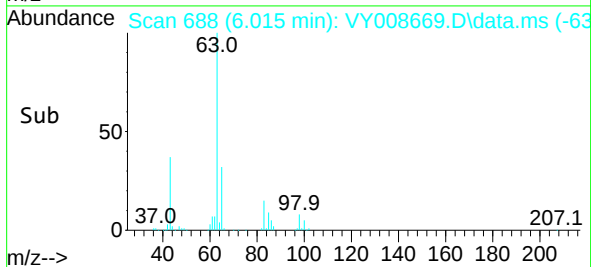
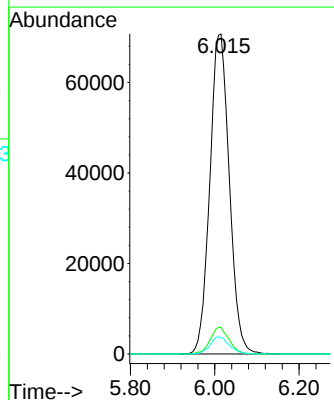
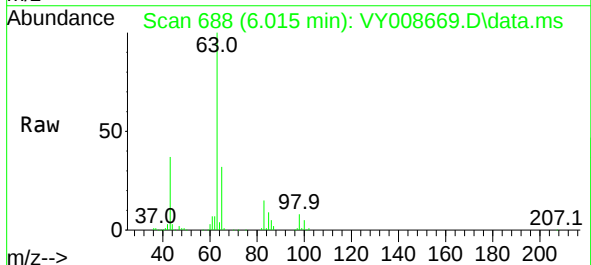
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

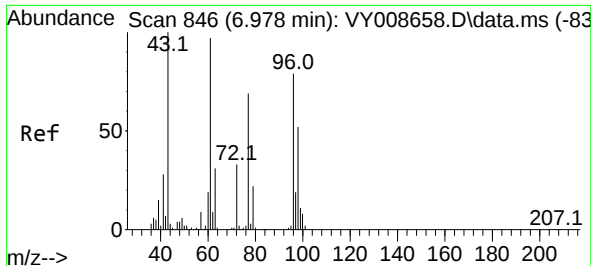
Tgt Ion: 43 Resp: 1179148
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.746 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

Tgt Ion: 63 Resp: 227148
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.1 2.0 5.8

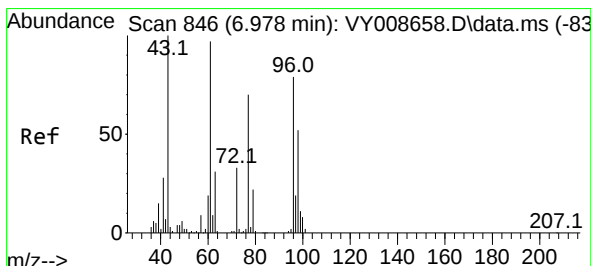
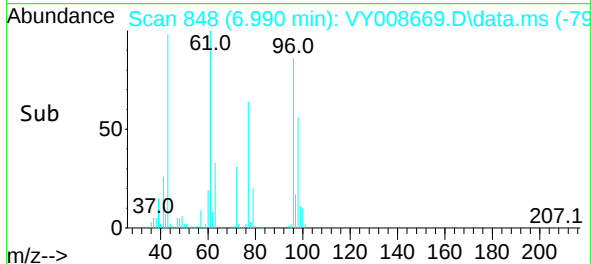
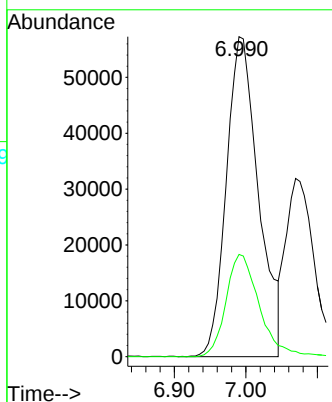
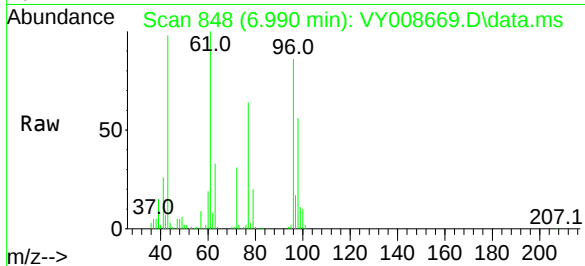




#25
2-Butanone
Concen: 222.356 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

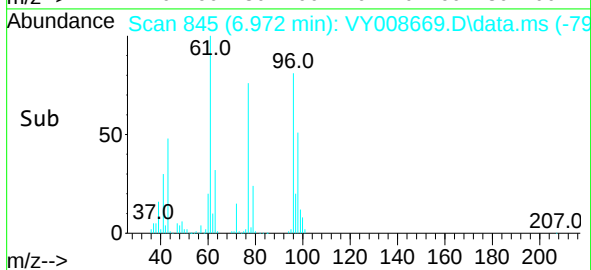
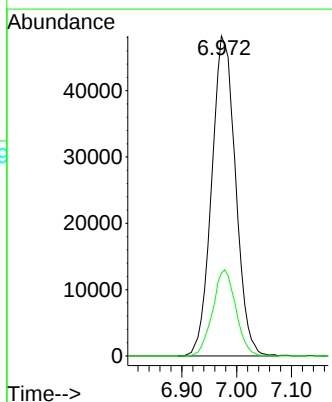
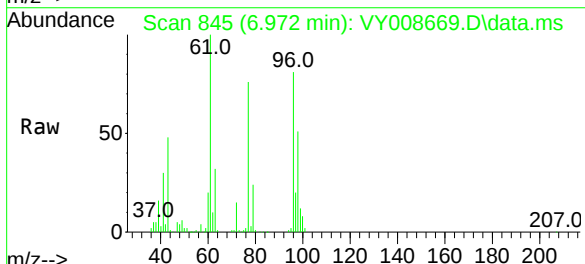
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

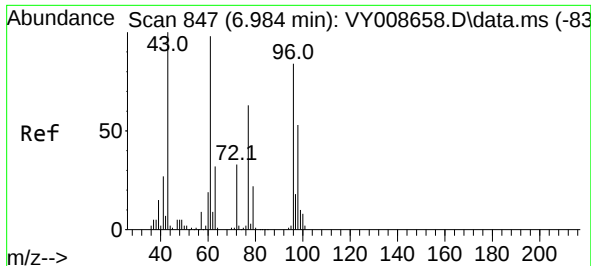
Tgt Ion: 43 Resp: 179254
Ion Ratio Lower Upper
43 100
72 32.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 47.835 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 77 Resp: 146019
Ion Ratio Lower Upper
77 100
97 26.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.335 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

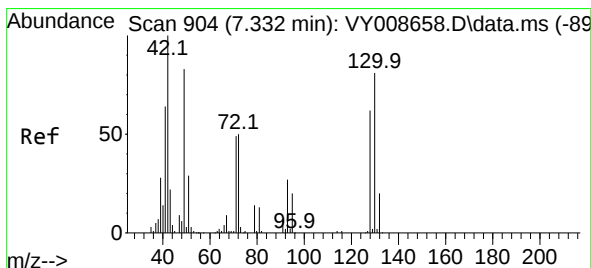
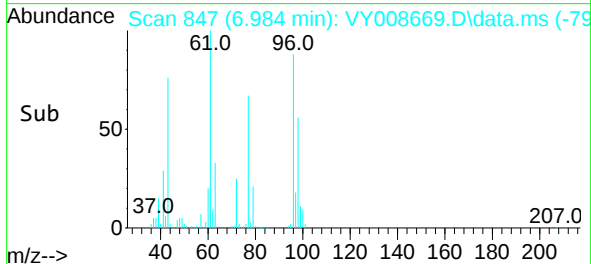
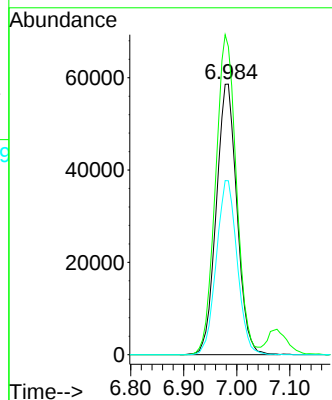
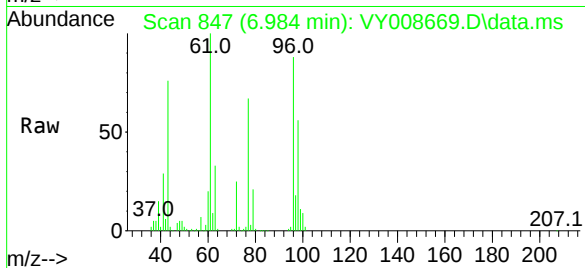
Tgt Ion: 96 Resp: 159188

Ion Ratio Lower Upper

96 100

61 119.1 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 49.962 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

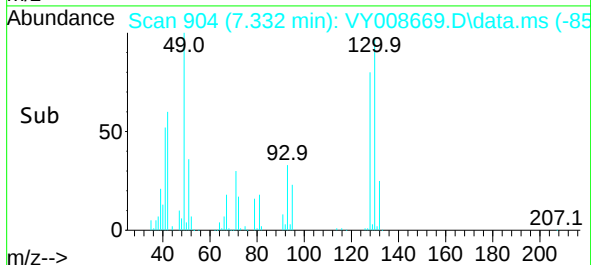
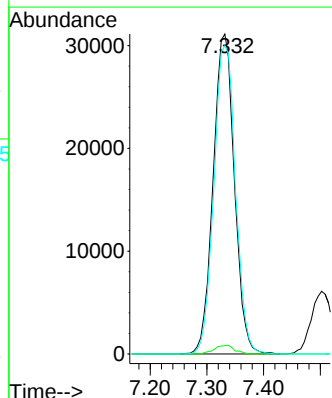
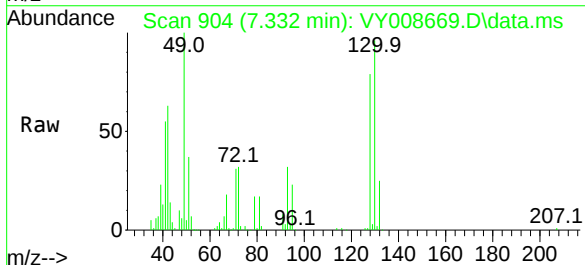
Tgt Ion: 49 Resp: 80902

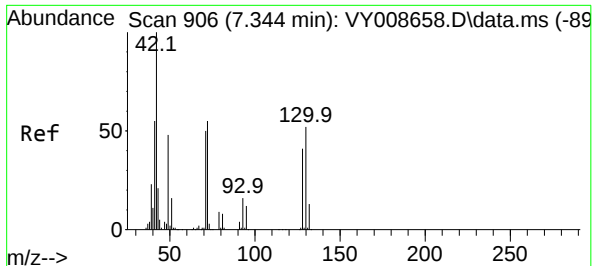
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 98.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 221.192 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

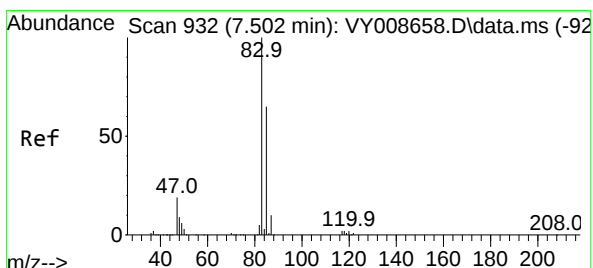
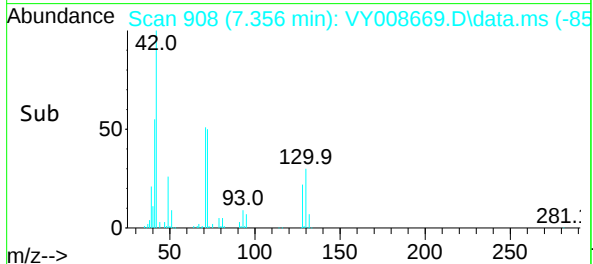
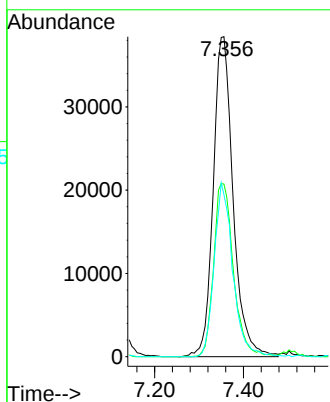
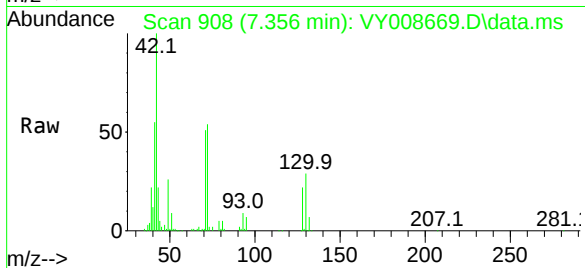
Tgt Ion: 42 Resp: 119173

Ion Ratio Lower Upper

42 100

72 53.8 30.3 45.5#

71 50.9 29.0 43.4#



#30

Chloroform

Concen: 49.359 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008669.D

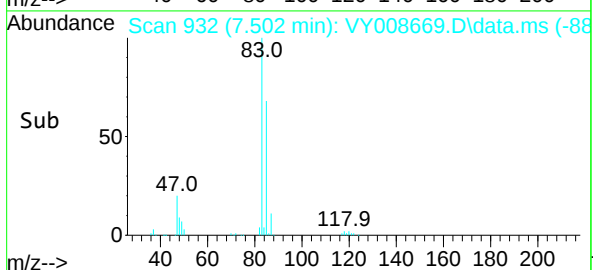
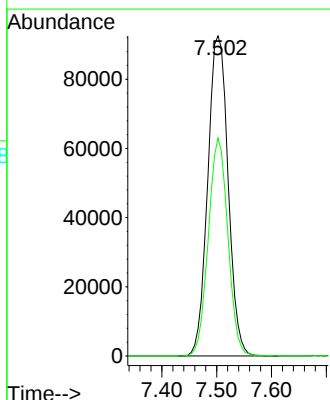
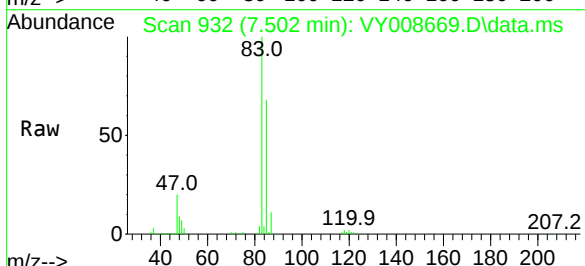
Acq: 10 May 2022 10:23

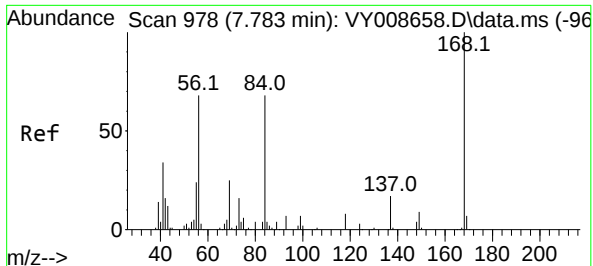
Tgt Ion: 83 Resp: 238353

Ion Ratio Lower Upper

83 100

85 68.1 51.8 77.6

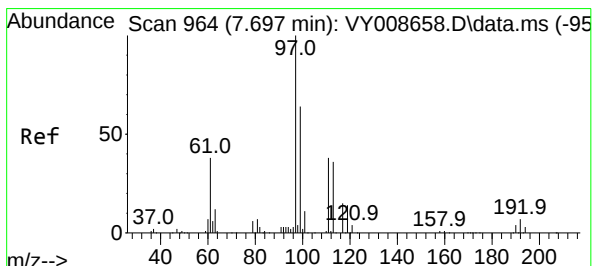
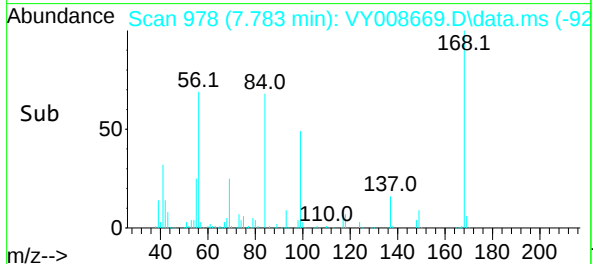
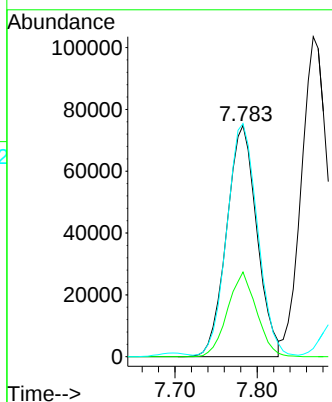
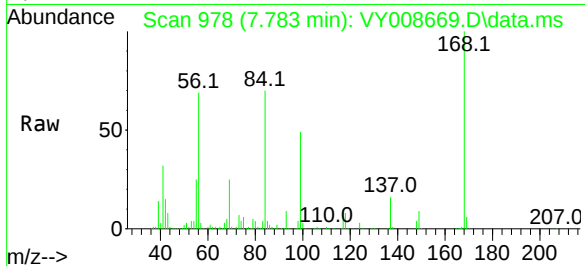




#31
Cyclohexane
Concen: 46.588 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

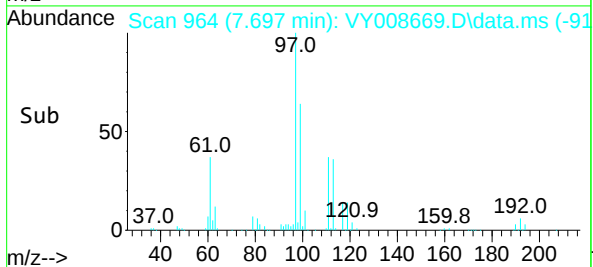
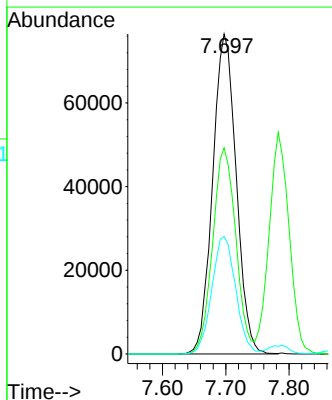
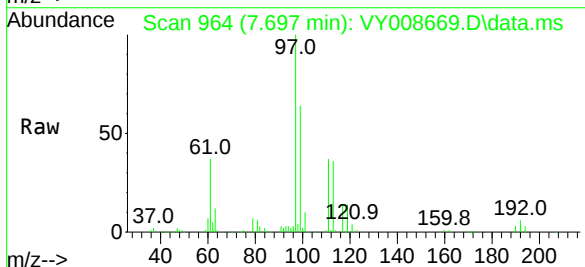
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

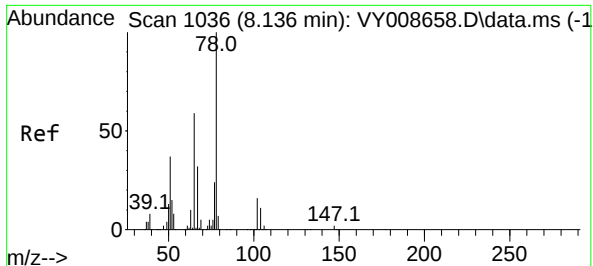
Tgt Ion: 56 Resp: 191569
Ion Ratio Lower Upper
56 100
69 36.6 26.7 40.1
84 99.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.863 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 97 Resp: 197330
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 37.2 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 49.230 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

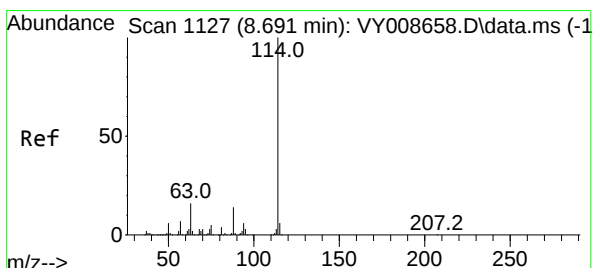
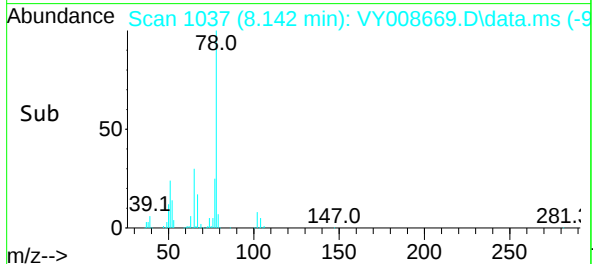
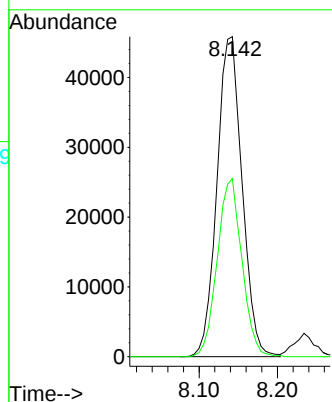
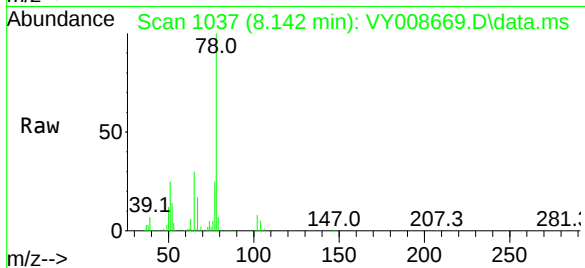
VSTDCCC050

Tgt Ion: 65 Resp: 102335

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

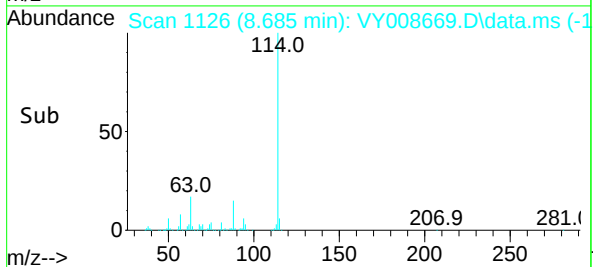
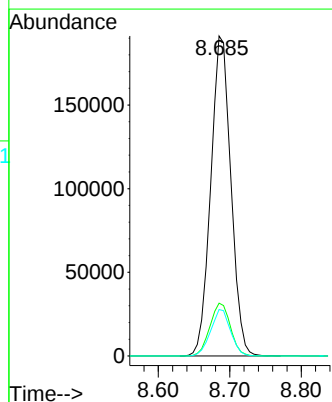
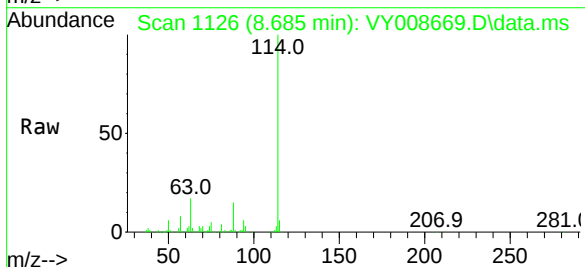
Tgt Ion: 114 Resp: 373805

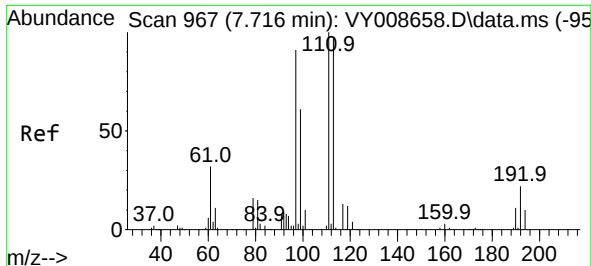
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 14.5 0.0 31.8

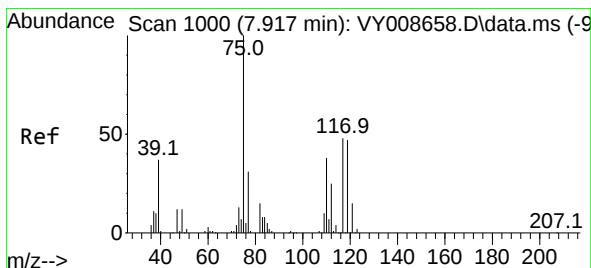
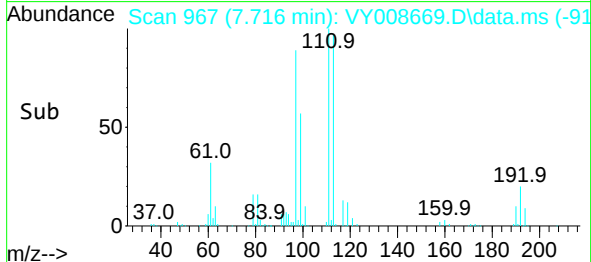
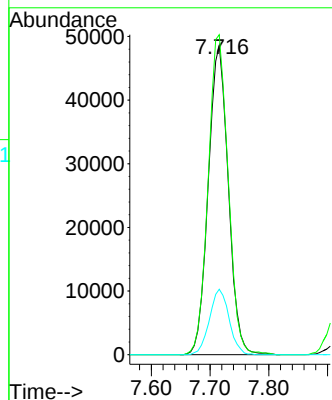
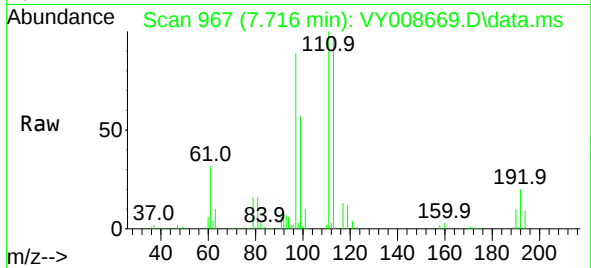




#35
Dibromofluoromethane
Concen: 49.909 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

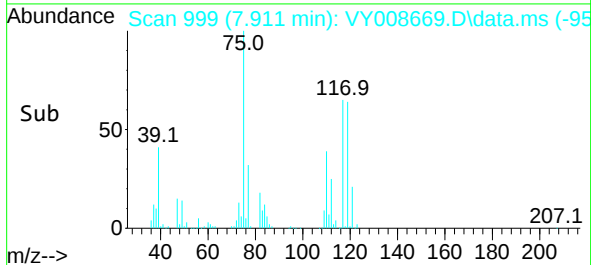
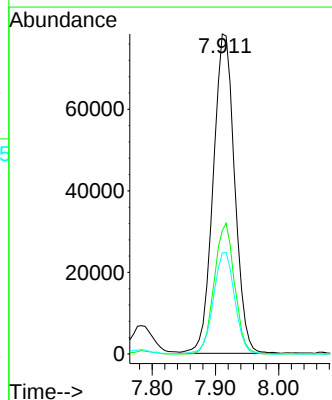
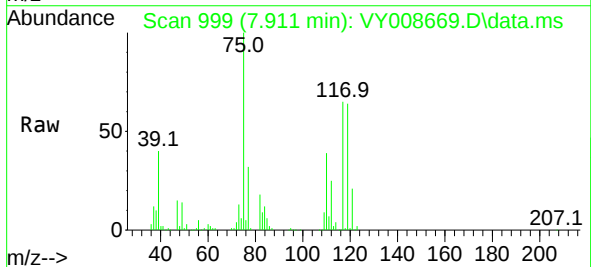
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

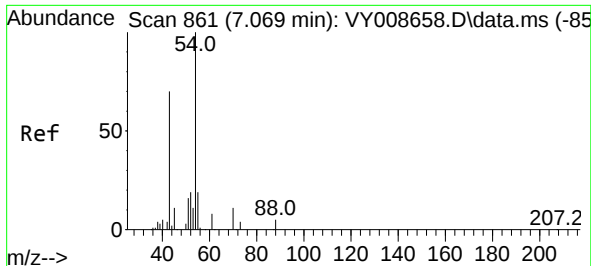
Tgt Ion:113 Resp: 114968
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.811 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 75 Resp: 184355
Ion Ratio Lower Upper
75 100
110 38.6 17.1 51.2
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 49.195 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

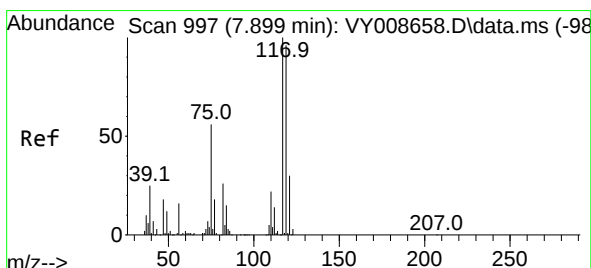
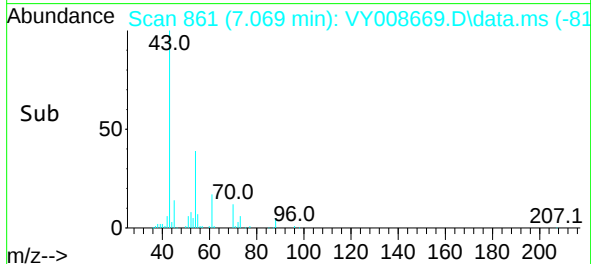
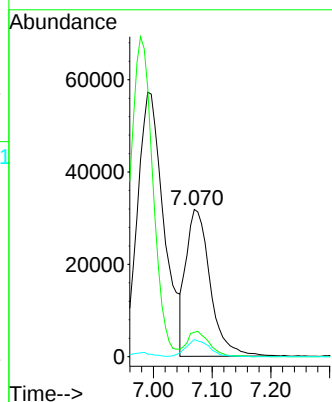
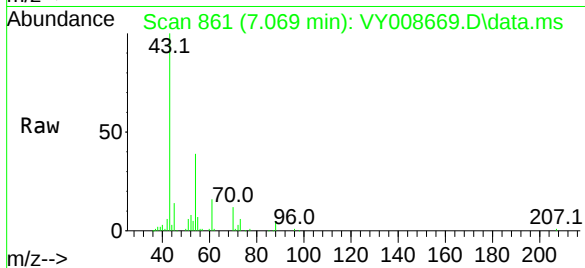
Tgt Ion: 43 Resp: 90533

Ion Ratio Lower Upper

43 100

61 16.0 9.7 14.5#

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.882 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

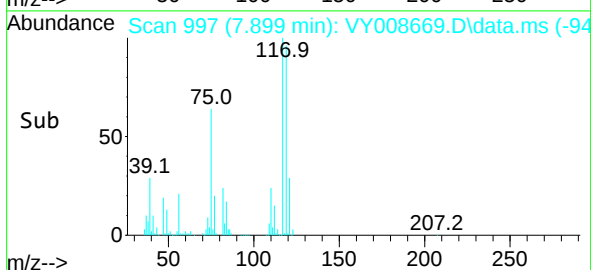
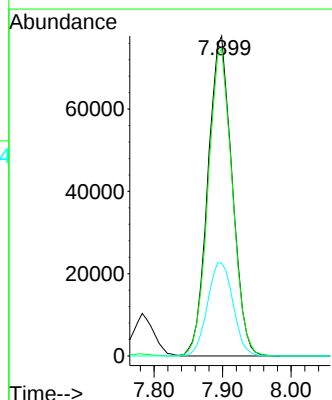
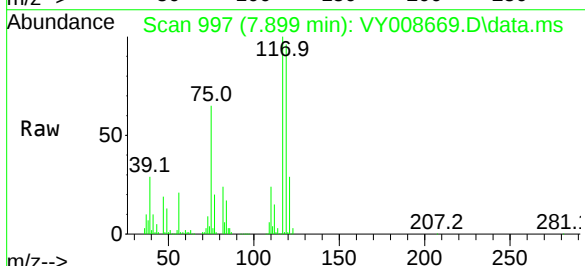
Tgt Ion: 117 Resp: 190470

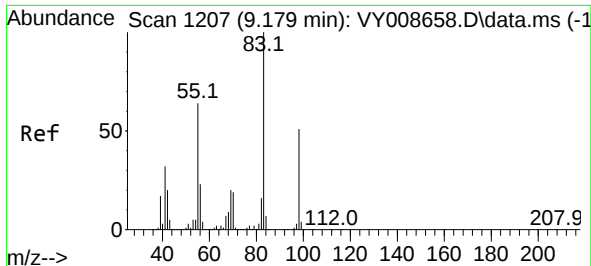
Ion Ratio Lower Upper

117 100

119 96.1 77.9 116.9

121 29.0 24.8 37.2





#39

Methylcyclohexane

Concen: 49.888 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

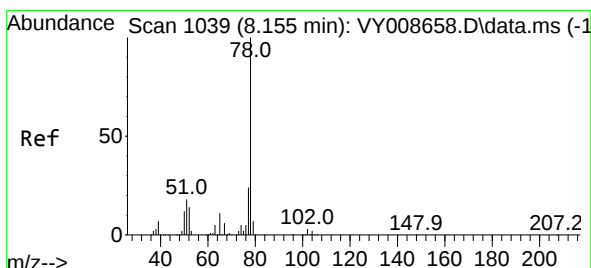
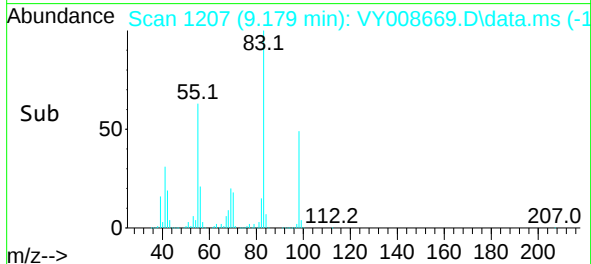
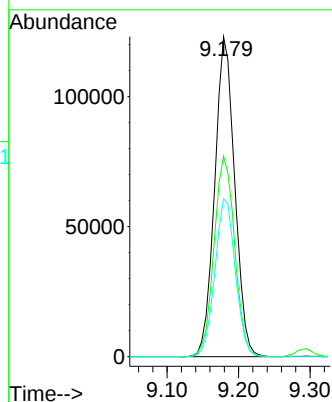
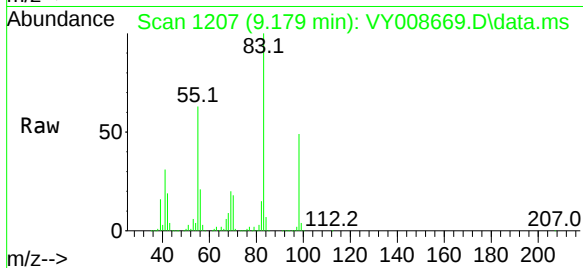
Tgt Ion: 83 Resp: 238797

Ion Ratio Lower Upper

83 100

55 62.6 66.5 99.7#

98 49.3 37.9 56.9



#40

Benzene

Concen: 50.148 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY008669.D

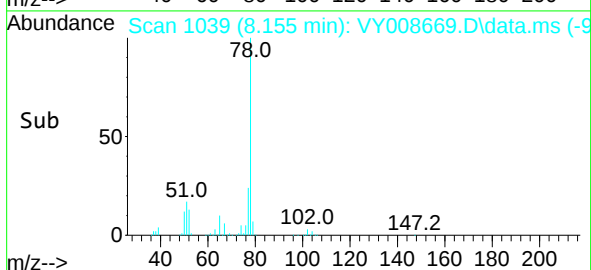
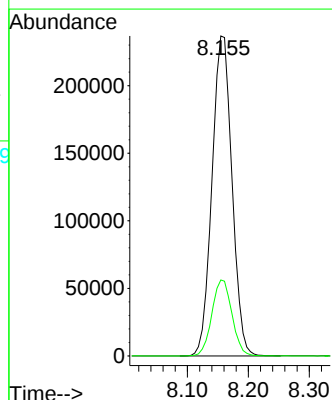
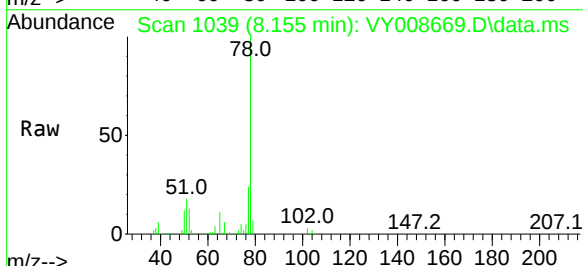
Acq: 10 May 2022 10:23

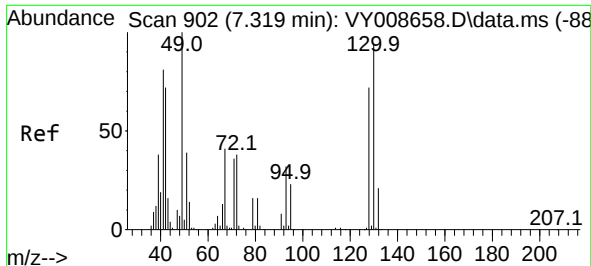
Tgt Ion: 78 Resp: 539252

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

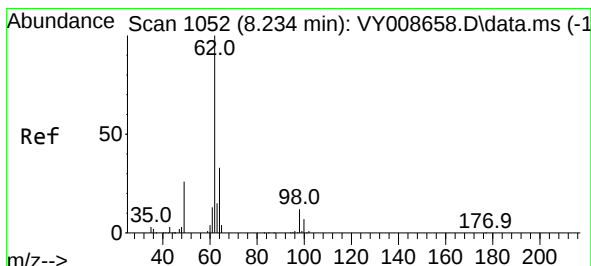
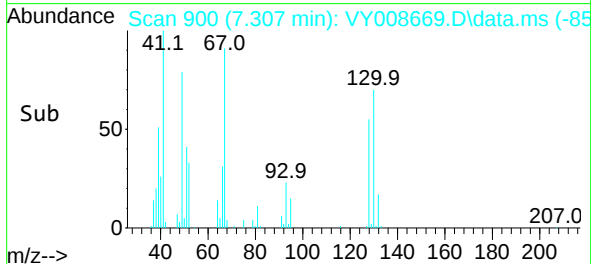
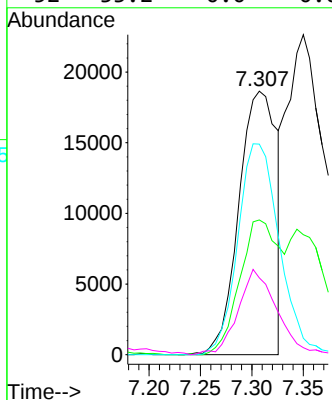
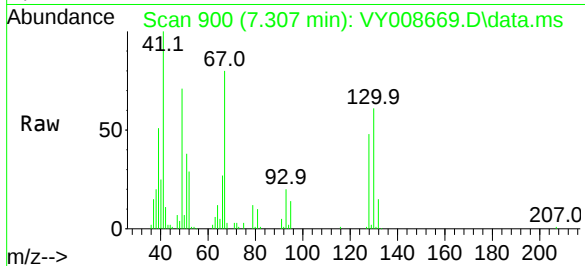




#41
Methacrylonitrile
Concen: 46.977 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

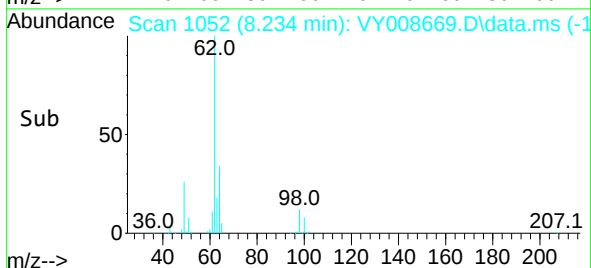
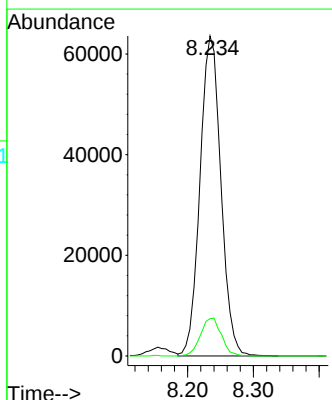
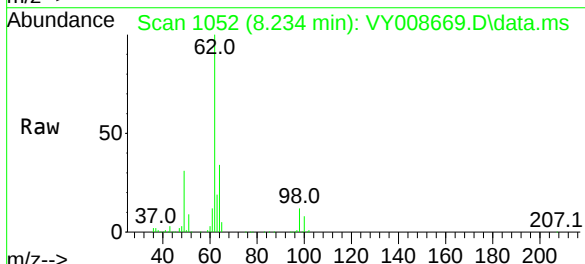
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

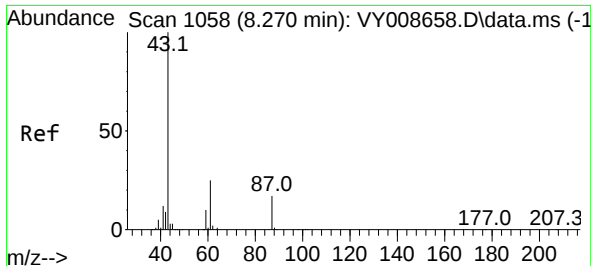
Tgt Ion: 41 Resp: 47631
Ion Ratio Lower Upper
41 100
39 54.9 92.9 139.3#
67 88.8 0.0 0.0#
52 33.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.415 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 62 Resp: 140531
Ion Ratio Lower Upper
62 100
98 11.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 49.743 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

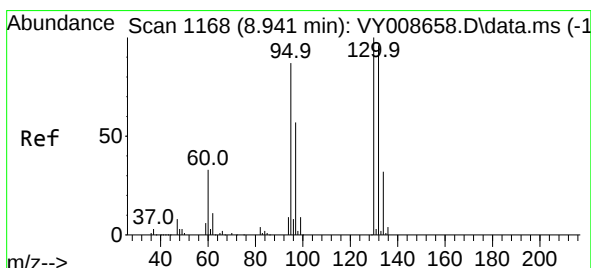
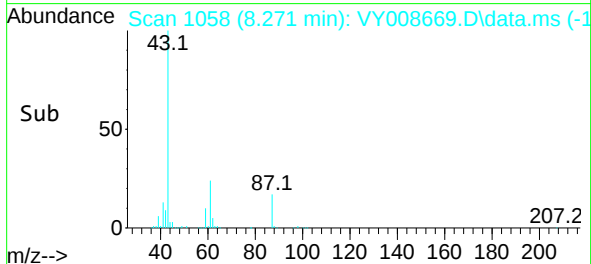
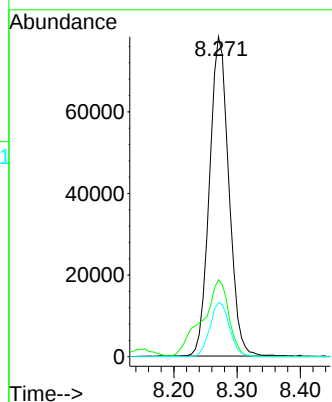
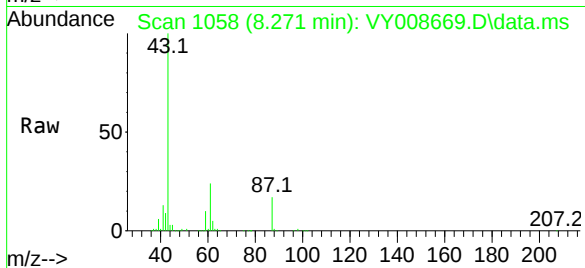
Tgt Ion: 43 Resp: 166291

Ion Ratio Lower Upper

43 100

61 33.3 20.2 30.2#

87 17.2 8.9 13.3#



#44

Trichloroethene

Concen: 49.965 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008669.D

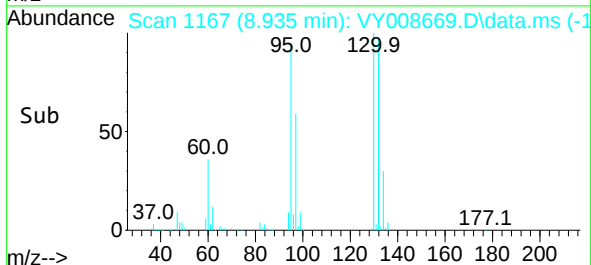
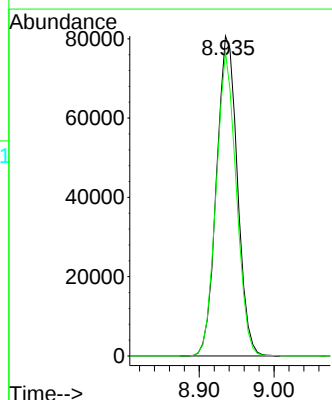
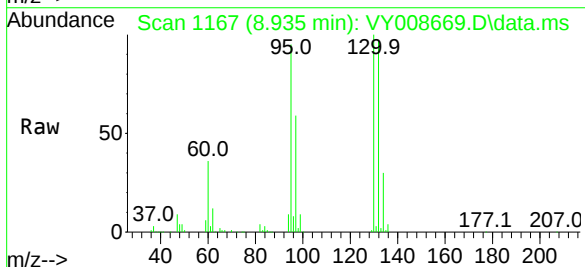
Acq: 10 May 2022 10:23

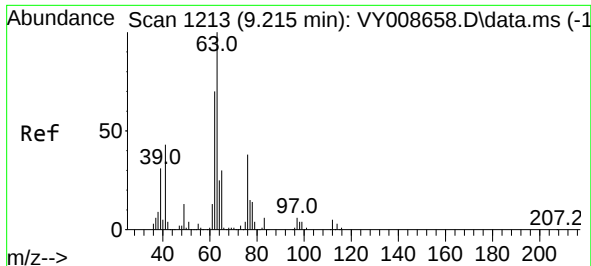
Tgt Ion:130 Resp: 156799

Ion Ratio Lower Upper

130 100

95 95.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.119 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

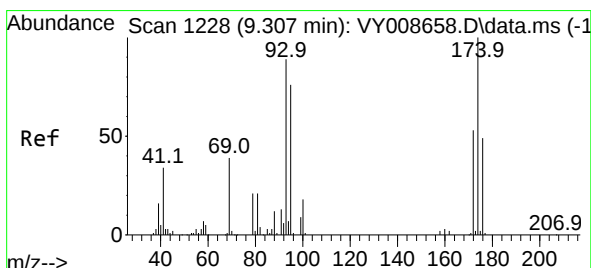
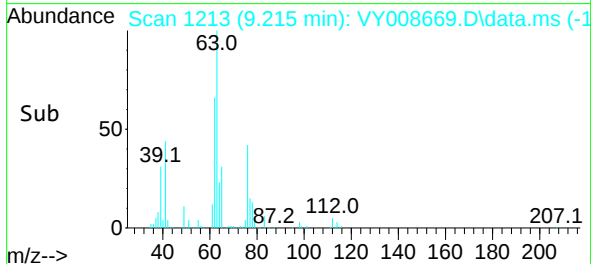
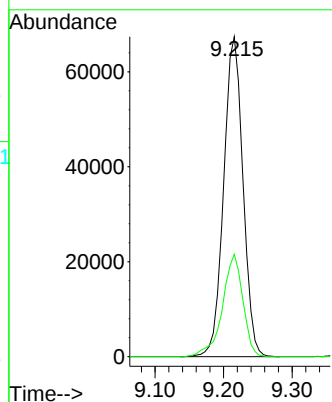
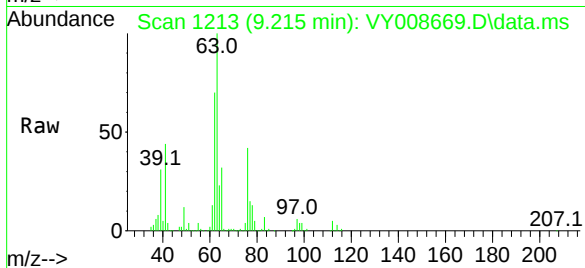
VSTDCCC050

Tgt Ion: 63 Resp: 131493

Ion Ratio Lower Upper

63 100

65 32.0 23.0 34.6



#46

Dibromomethane

Concen: 50.585 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

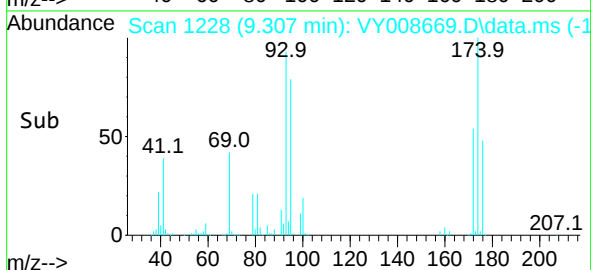
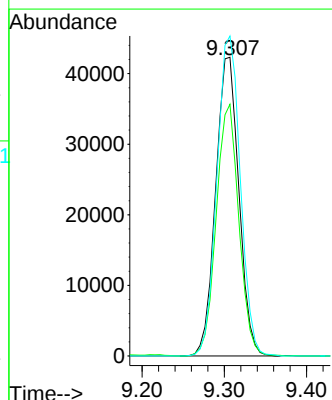
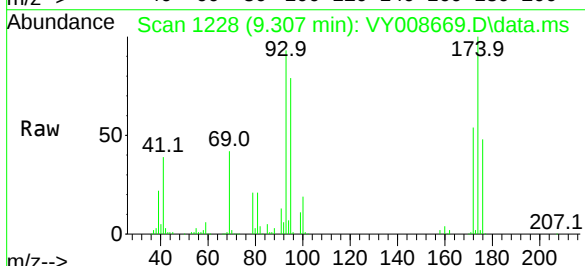
Tgt Ion: 93 Resp: 83063

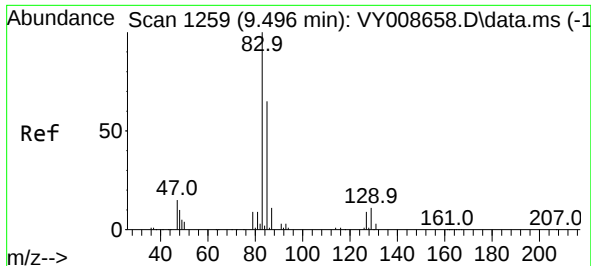
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 107.9 83.4 125.0

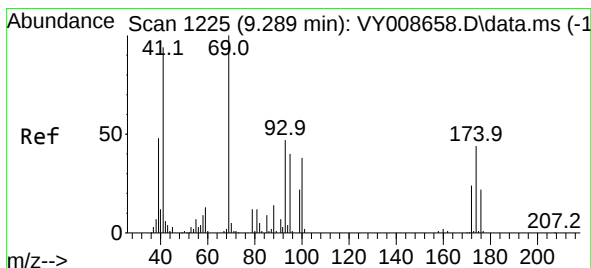
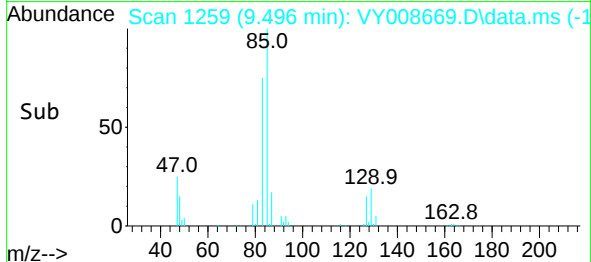
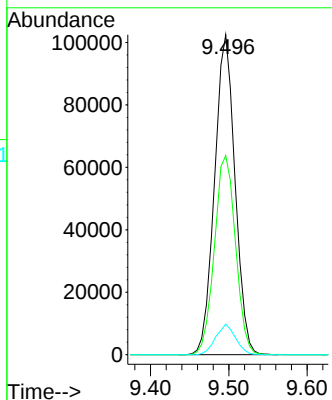
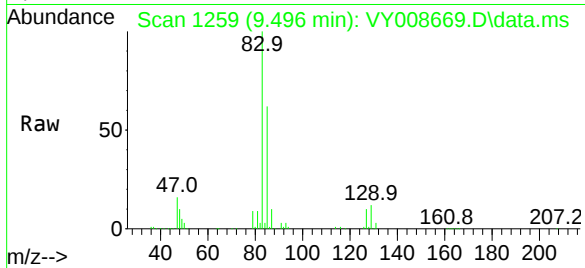




#47
Bromodichloromethane
Concen: 50.775 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

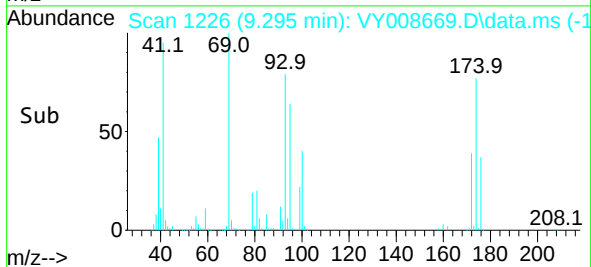
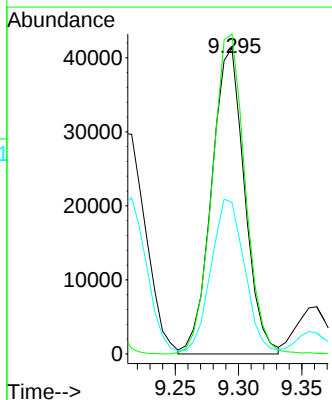
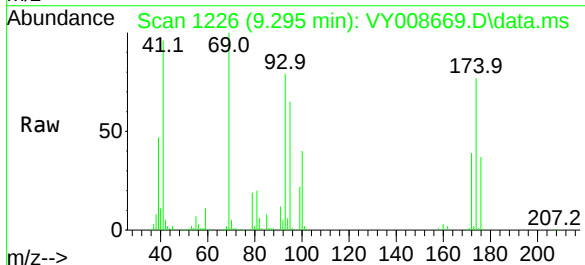
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

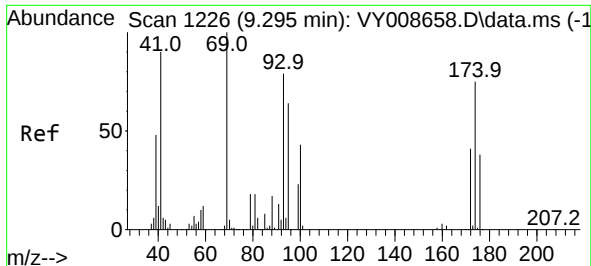
Tgt Ion: 83 Resp: 186176
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 51.431 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 41 Resp: 74846
Ion Ratio Lower Upper
41 100
69 104.7 58.2 87.2#
39 49.9 47.4 71.0





#49

1,4-Dioxane

Concen: 362.341 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.048 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

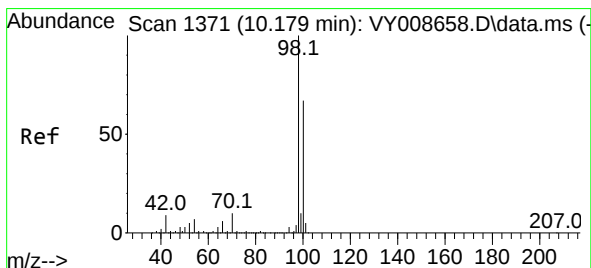
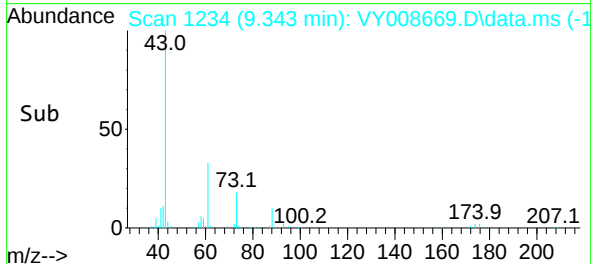
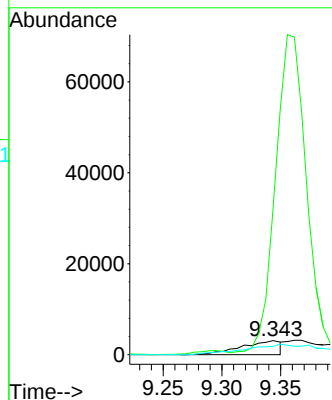
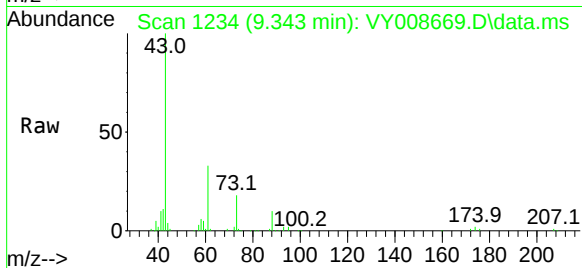
Tgt Ion: 88 Resp: 7195

Ion Ratio Lower Upper

88 100

43 1788.2 32.8 49.2#

58 176.7 59.8 89.6#



#50

Toluene-d8

Concen: 49.754 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008669.D

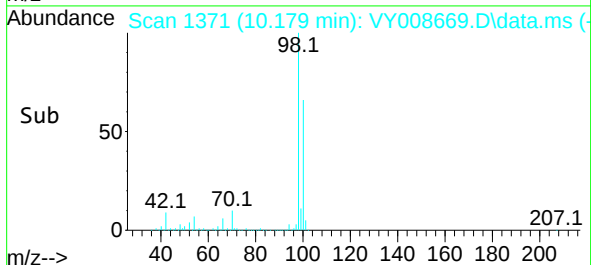
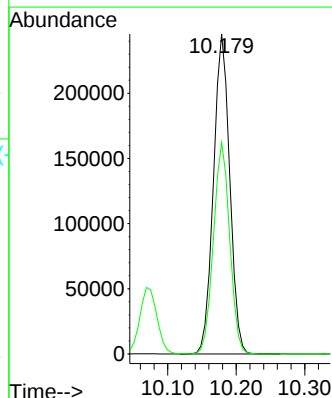
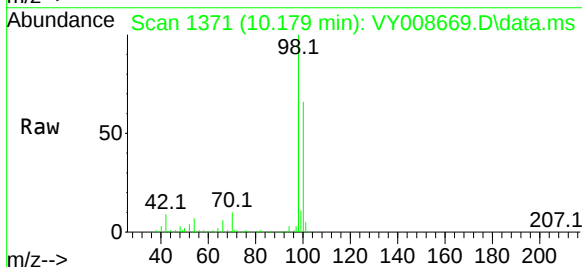
Acq: 10 May 2022 10:23

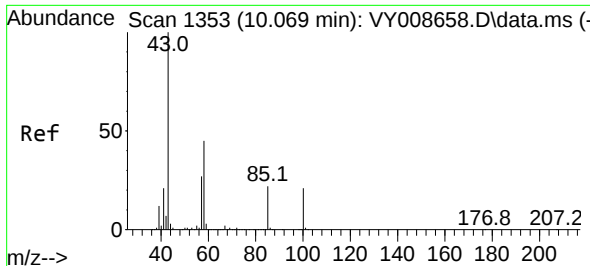
Tgt Ion: 98 Resp: 403885

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

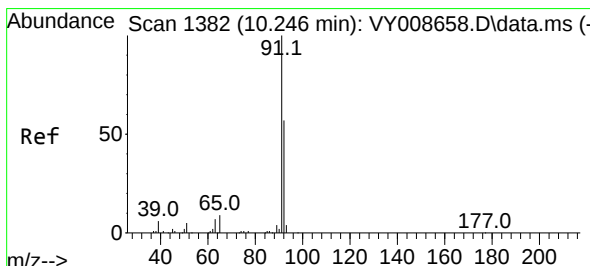
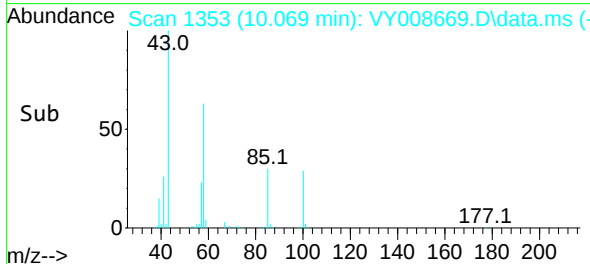
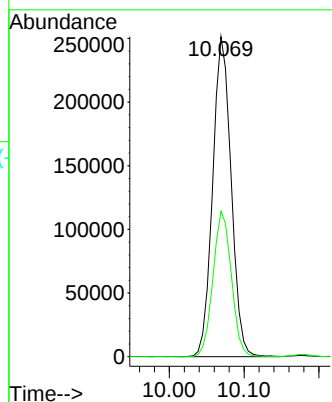
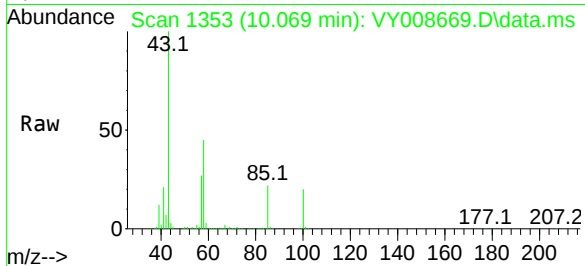




#51
4-Methyl-2-Pentanone
Concen: 246.898 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

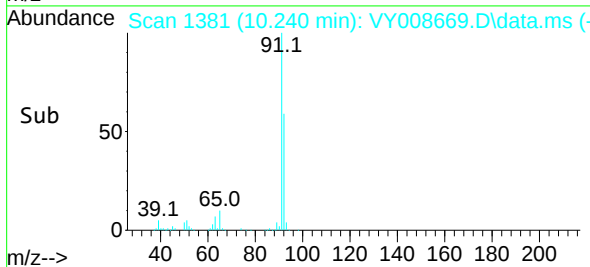
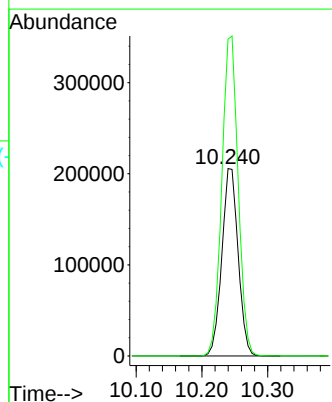
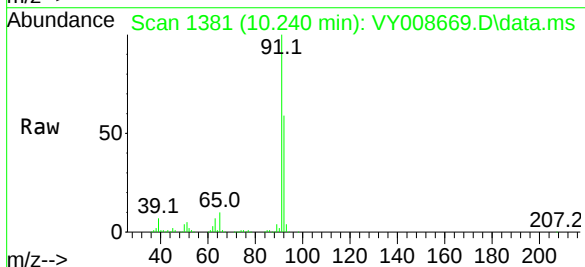
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

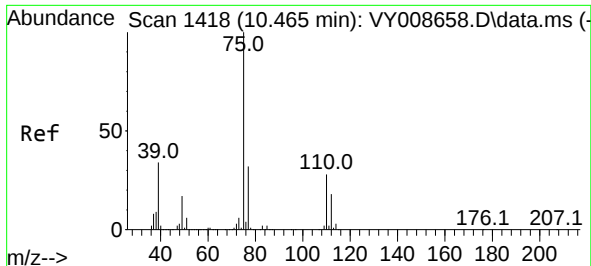
Tgt Ion: 43 Resp: 431692
Ion Ratio Lower Upper
43 100
58 45.2 28.1 42.1#



#52
Toluene
Concen: 50.551 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 92 Resp: 353887
Ion Ratio Lower Upper
92 100
91 171.3 142.6 213.8

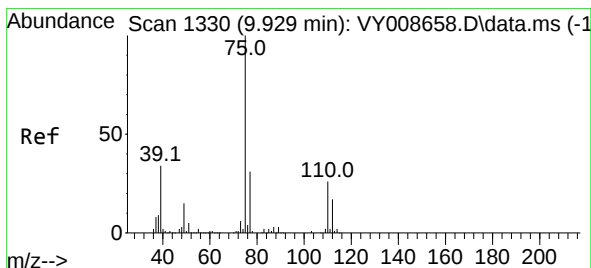
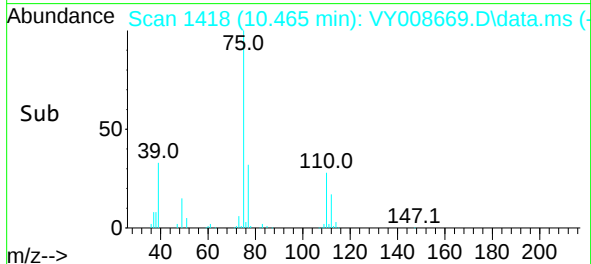
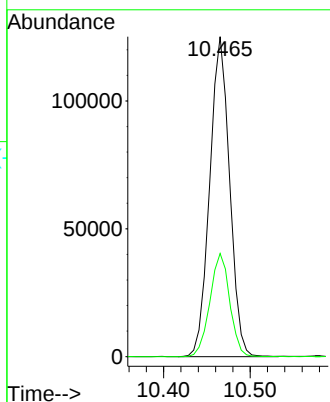
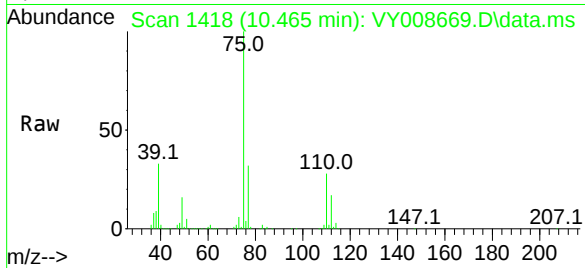




#53
 t-1,3-Dichloropropene
 Concen: 50.709 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

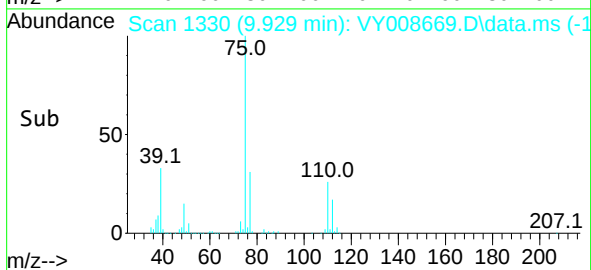
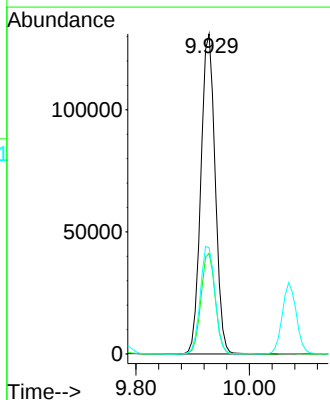
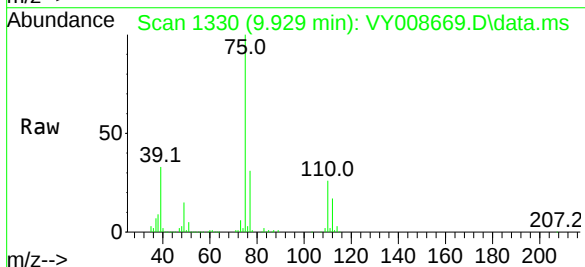
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

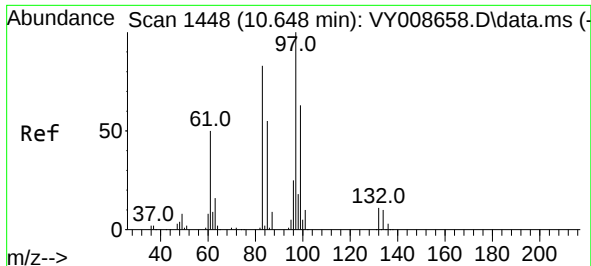
Tgt Ion: 75 Resp: 199804
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.038 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

Tgt Ion: 75 Resp: 229491
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4
 39 33.2 47.6 71.4#

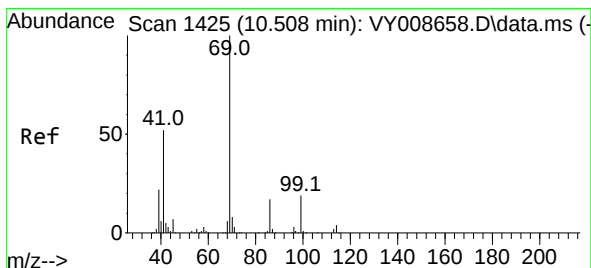
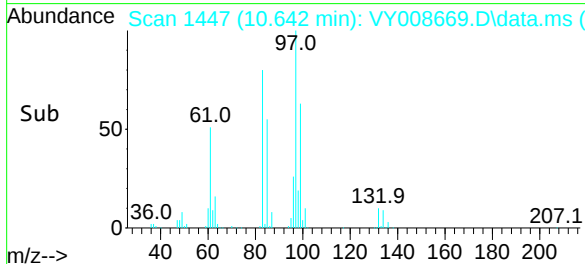
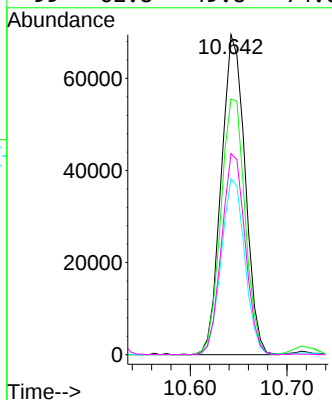
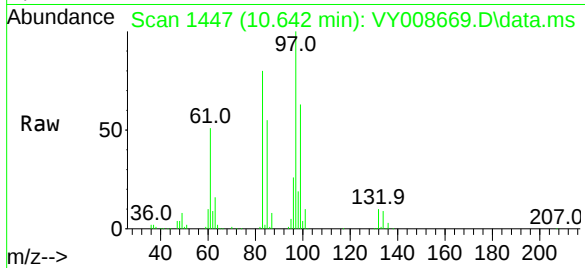




#55
1,1,2-Trichloroethane
Concen: 50.763 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

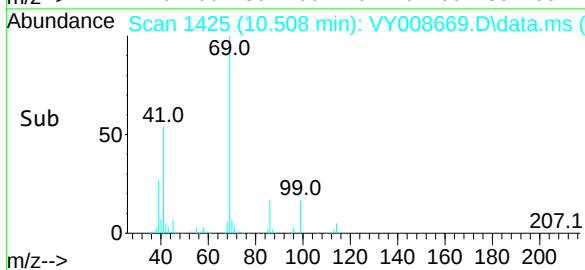
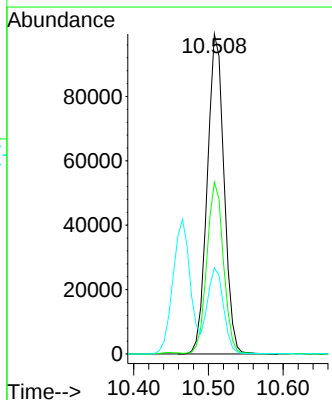
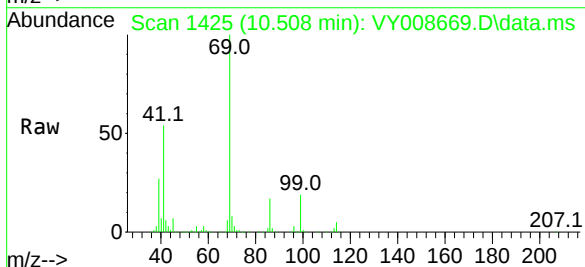
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

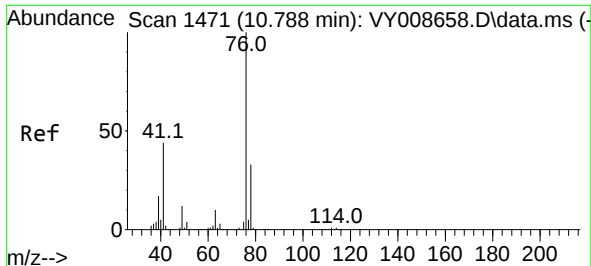
Tgt Ion: 97 Resp: 118873
Ion Ratio Lower Upper
97 100
83 79.9 69.8 104.8
85 55.0 44.3 66.5
99 62.8 49.8 74.6



#56
Ethyl methacrylate
Concen: 52.251 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 69 Resp: 154833
Ion Ratio Lower Upper
69 100
41 53.1 63.4 95.0#
39 25.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 50.768 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

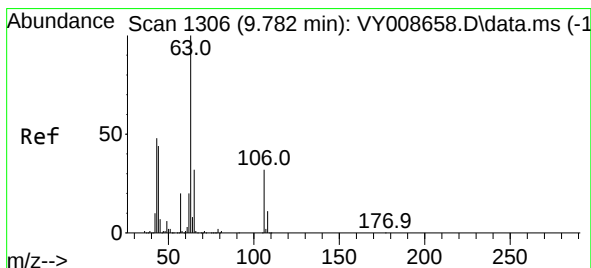
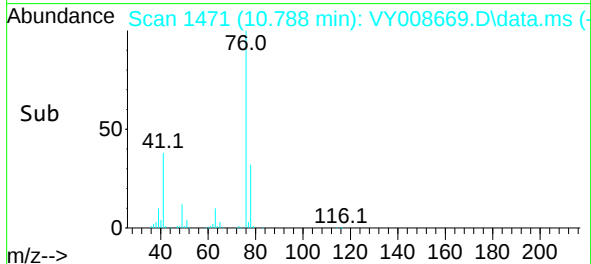
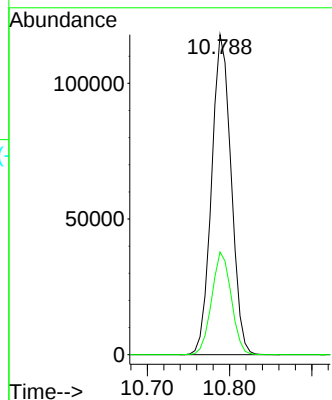
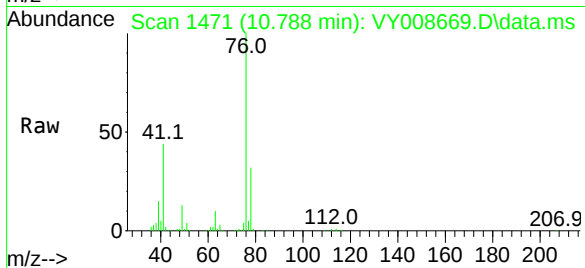
VSTDCCC050

Tgt Ion: 76 Resp: 194466

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.427 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008669.D

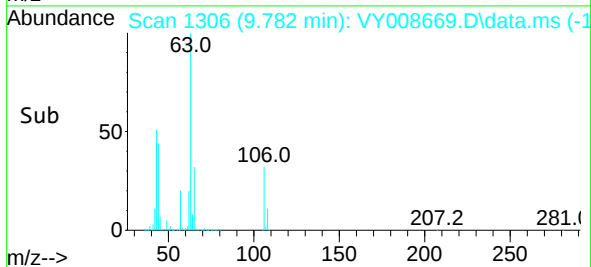
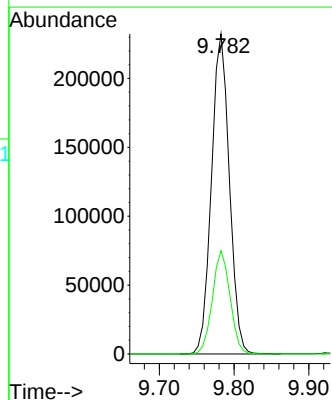
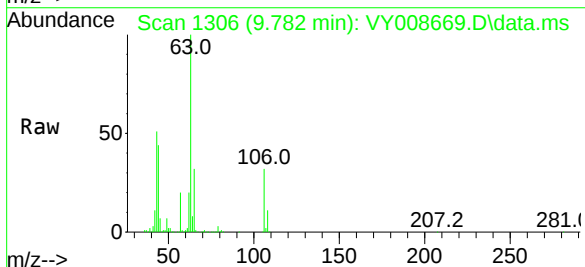
Acq: 10 May 2022 10:23

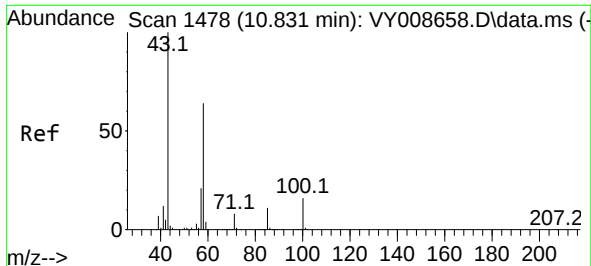
Tgt Ion: 63 Resp: 386517

Ion Ratio Lower Upper

63 100

106 31.8 21.5 32.3

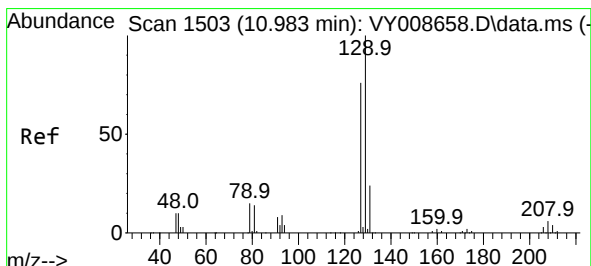
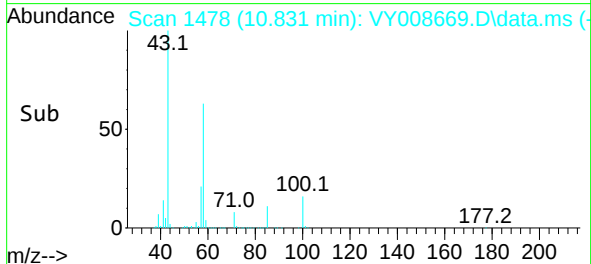
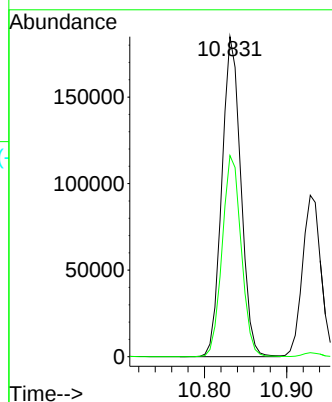
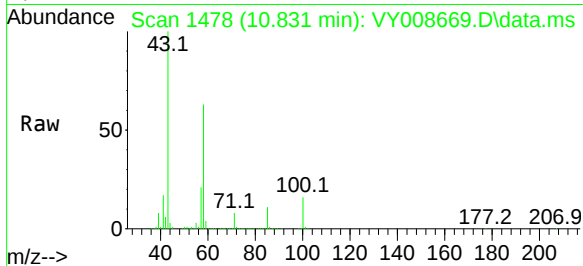




#59
2-Hexanone
Concen: 247.556 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

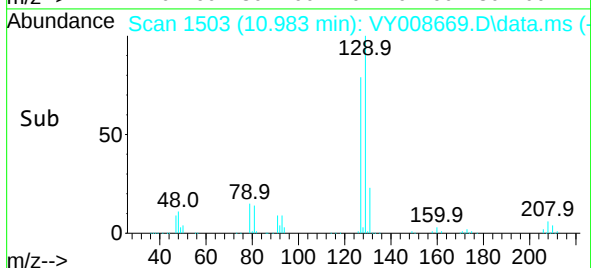
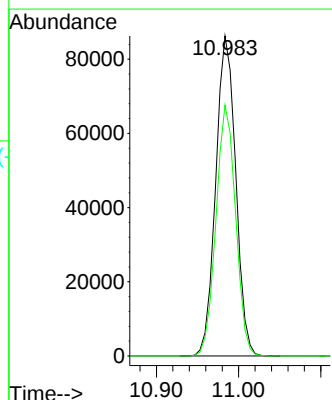
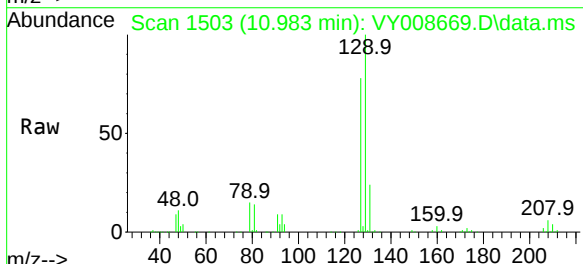
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

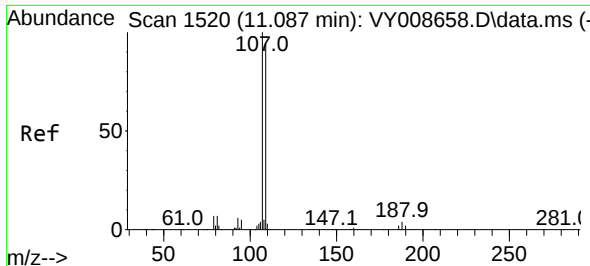
Tgt Ion: 43 Resp: 296455
Ion Ratio Lower Upper
43 100
58 63.1 24.4 73.4



#60
Dibromochloromethane
Concen: 51.219 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 129 Resp: 145645
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.457 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

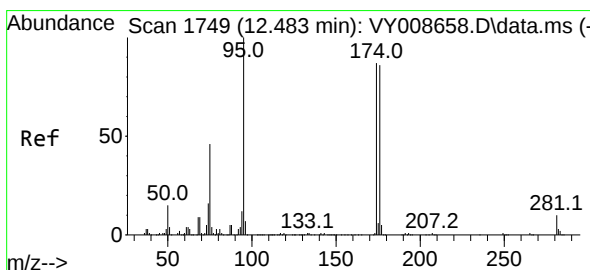
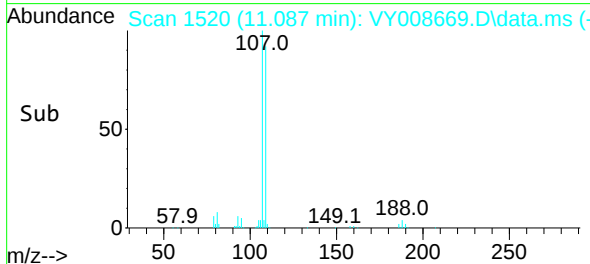
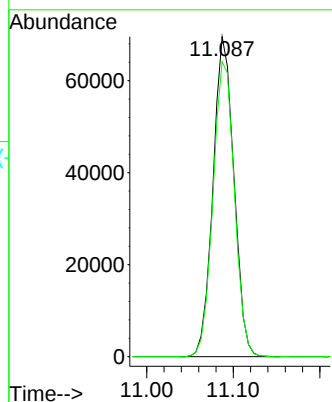
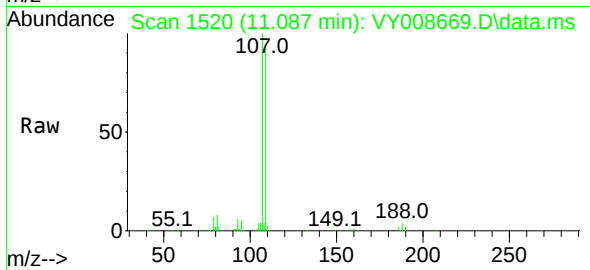
VSTDCCC050

Tgt Ion:107 Resp: 116436

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.002 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

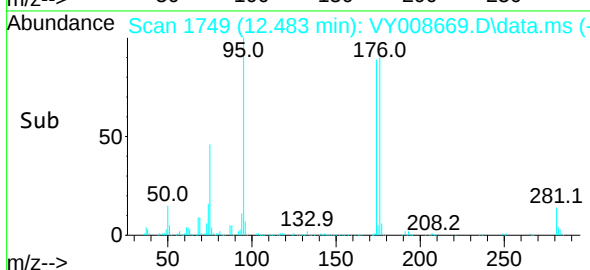
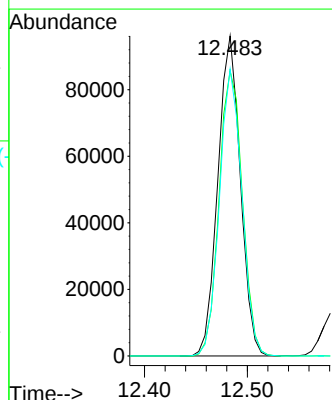
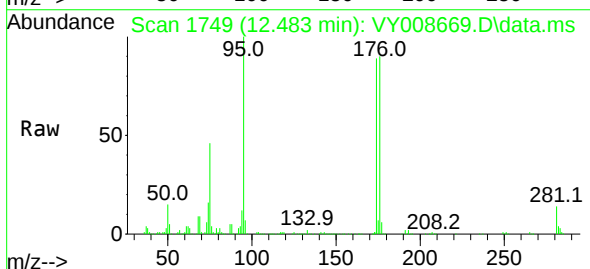
Tgt Ion: 95 Resp: 146028

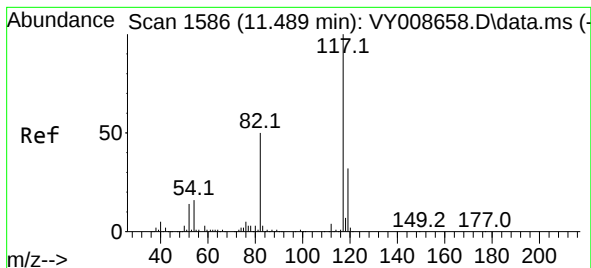
Ion Ratio Lower Upper

95 100

174 92.3 0.0 177.0

176 89.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

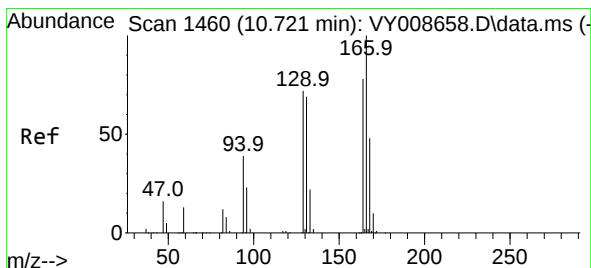
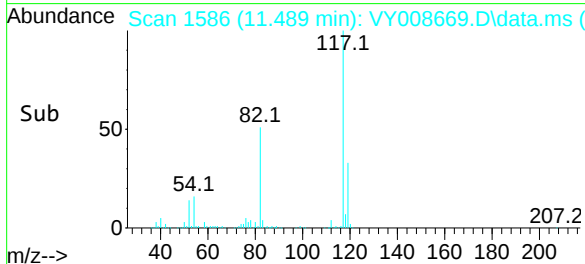
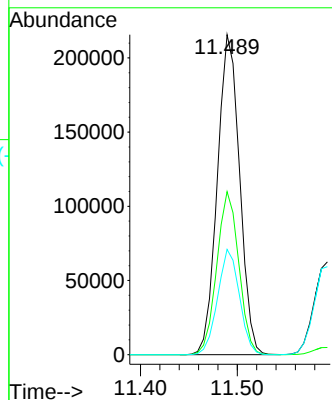
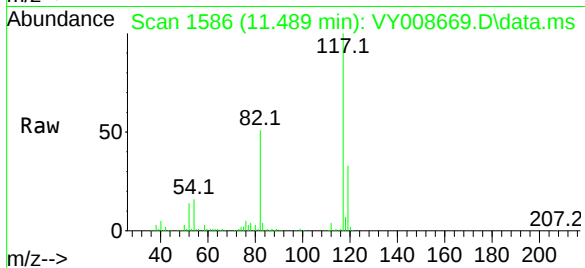
Tgt Ion:117 Resp: 344989

Ion Ratio Lower Upper

117 100

82 51.0 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 48.641 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Tgt Ion:164 Resp: 130794

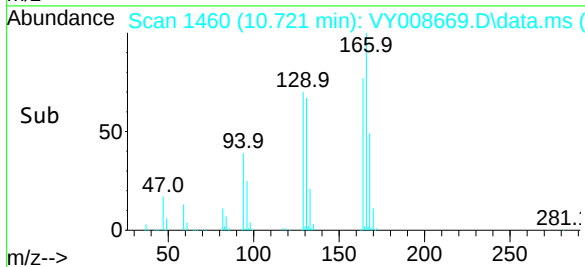
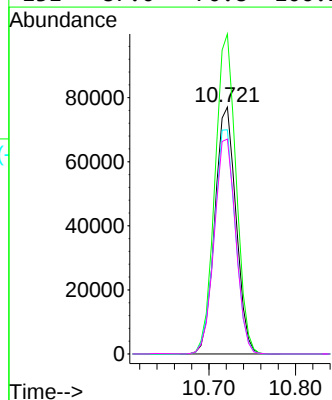
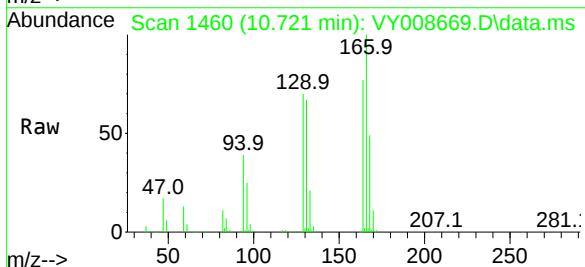
Ion Ratio Lower Upper

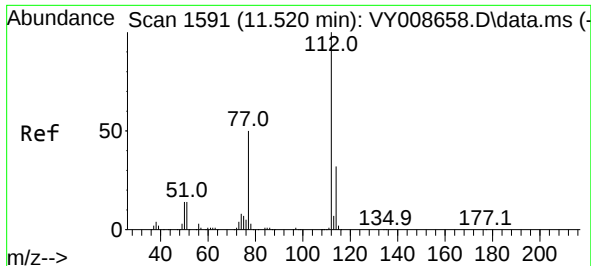
164 100

166 129.6 100.4 150.6

129 90.8 71.4 107.0

131 87.0 70.8 106.2

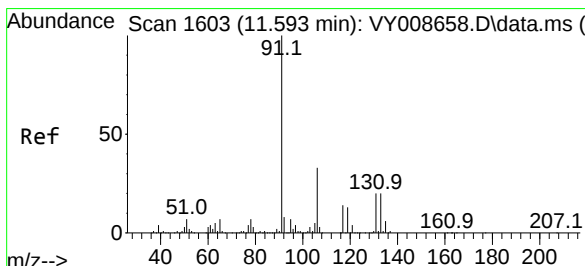
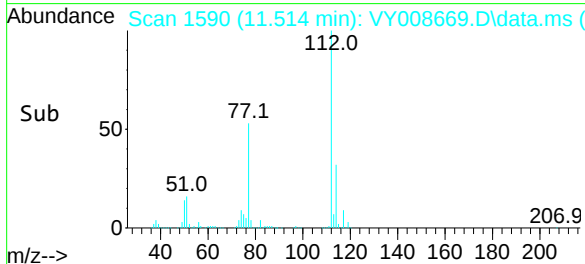
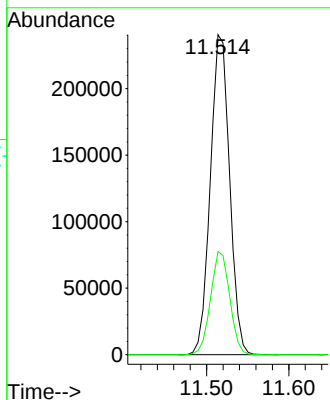
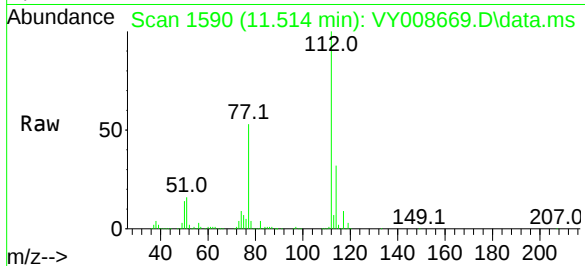




#65
Chlorobenzene
Concen: 50.637 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

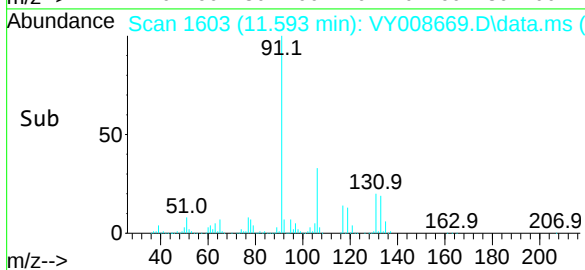
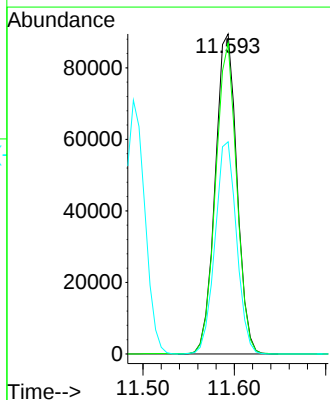
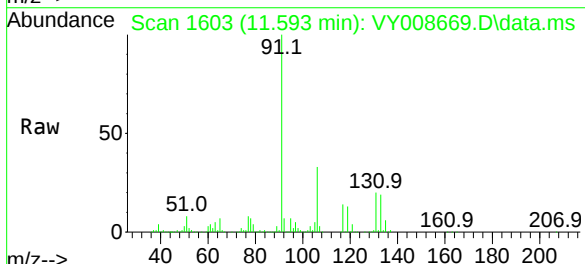
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

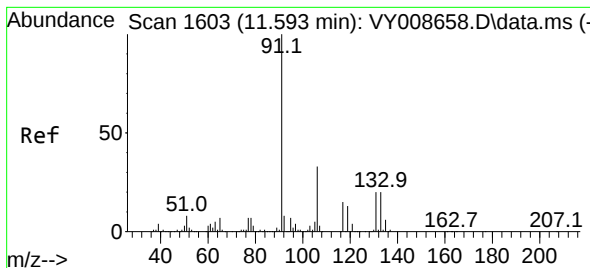
Tgt Ion:112 Resp: 390799
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.531 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion:131 Resp: 147690
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 65.8 30.8 92.3





#67

Ethyl Benzene

Concen: 50.861 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

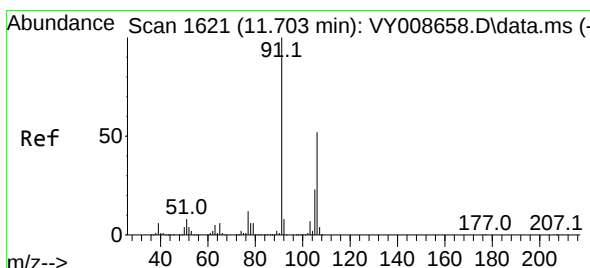
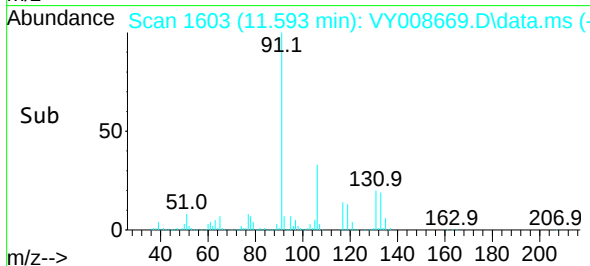
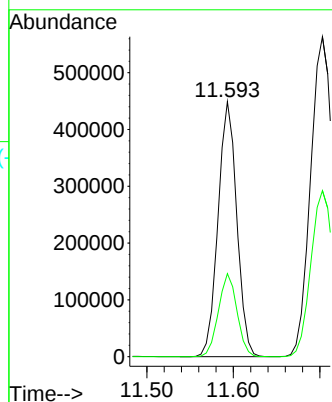
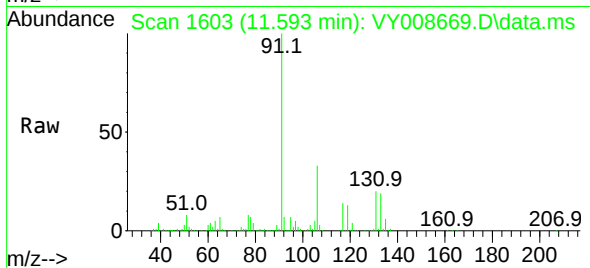
VSTDCCC050

Tgt Ion: 91 Resp: 674533

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 100.501 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008669.D

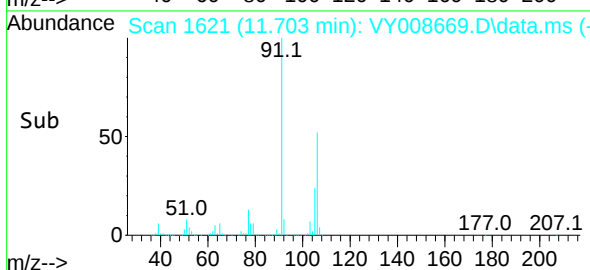
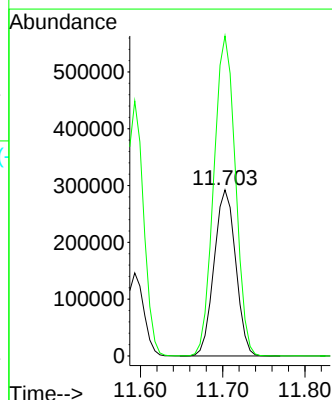
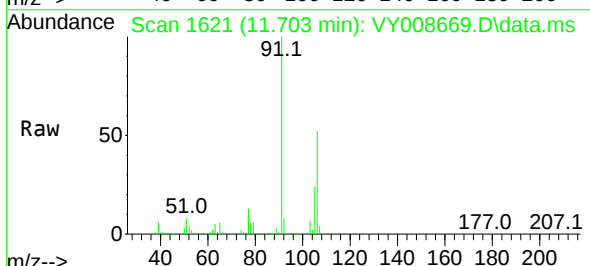
Acq: 10 May 2022 10:23

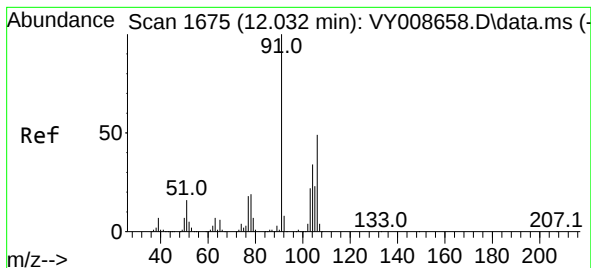
Tgt Ion: 106 Resp: 533288

Ion Ratio Lower Upper

106 100

91 193.3 166.6 249.8





#69

o-Xylene

Concen: 51.334 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

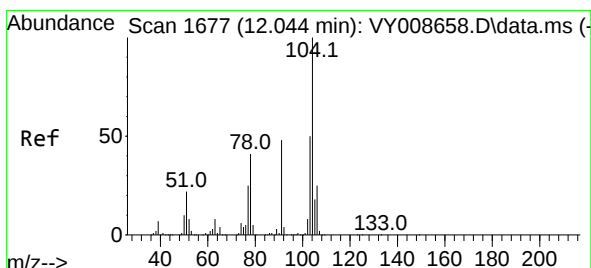
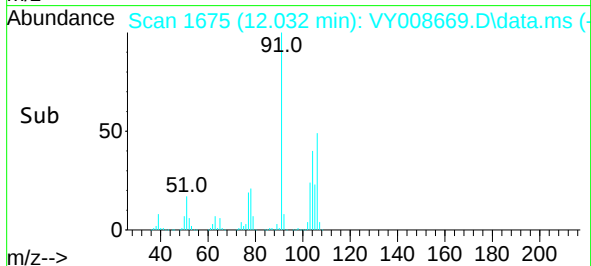
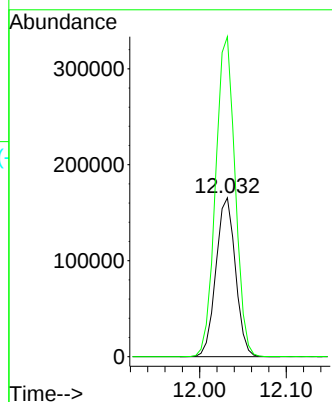
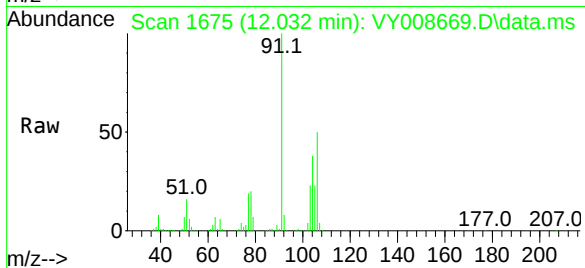
VSTDCCC050

Tgt Ion:106 Resp: 258414

Ion Ratio Lower Upper

106 100

91 202.4 110.3 331.0



#70

Styrene

Concen: 52.103 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

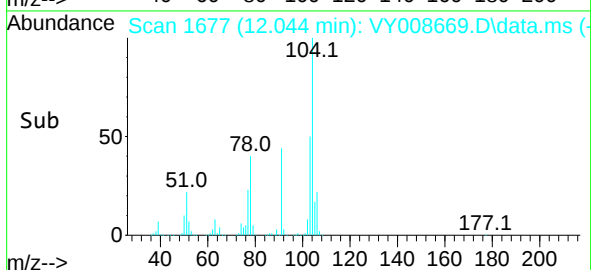
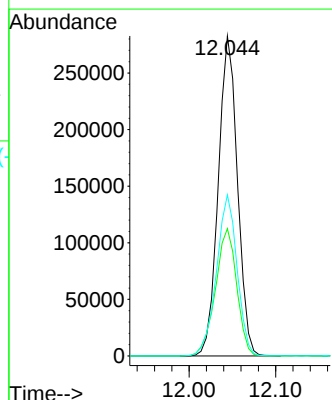
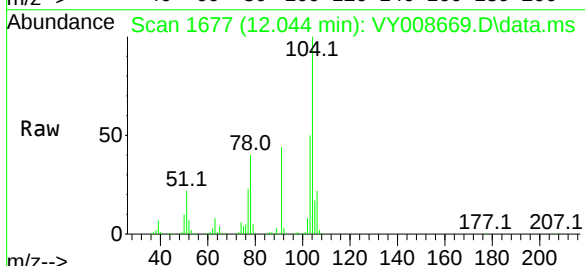
Tgt Ion:104 Resp: 435506

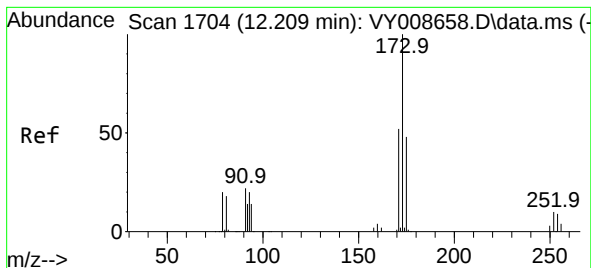
Ion Ratio Lower Upper

104 100

78 44.1 42.4 63.6

103 54.0 44.4 66.6





#71

Bromoform

Concen: 51.764 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

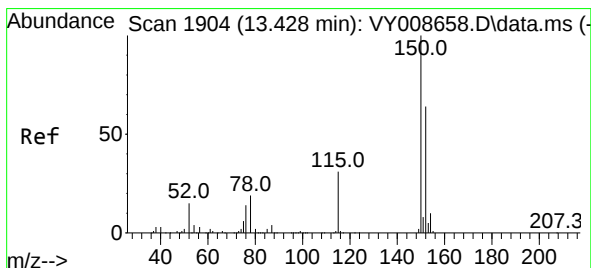
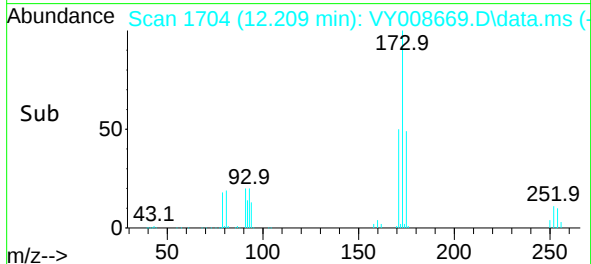
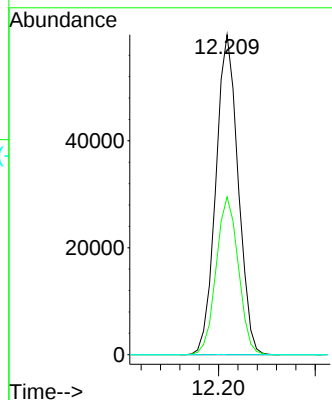
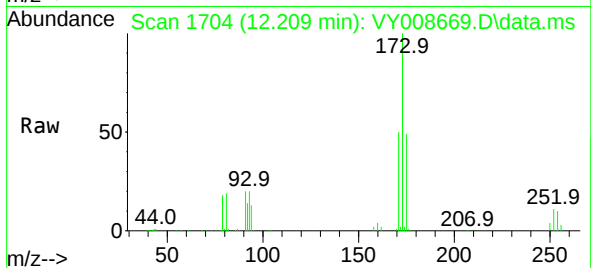
Tgt Ion:173 Resp: 95615

Ion Ratio Lower Upper

173 100

175 49.0 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: VY008669.D

Acq: 10 May 2022 10:23

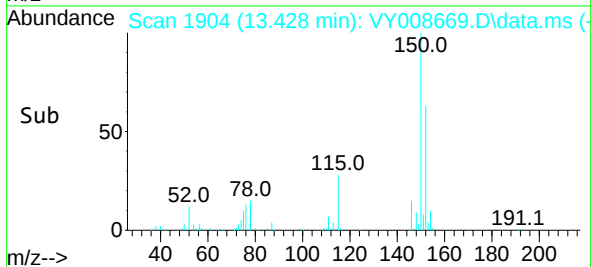
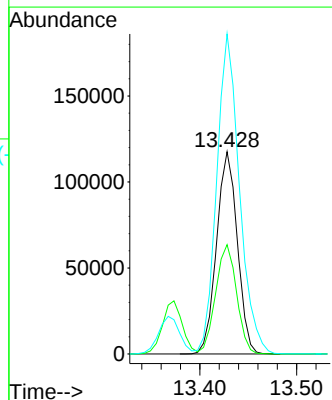
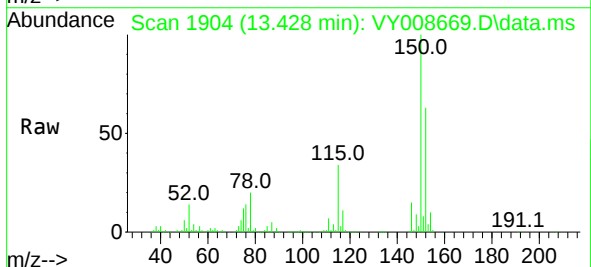
Tgt Ion:152 Resp: 175109

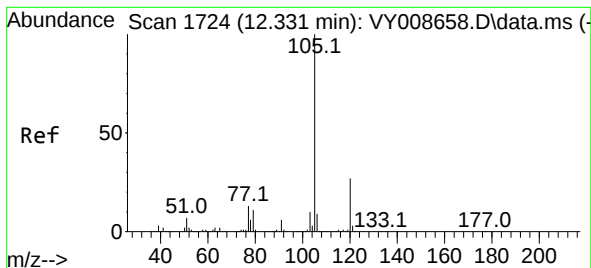
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 173.7 0.0 347.6





#73

Isopropylbenzene

Concen: 49.797 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

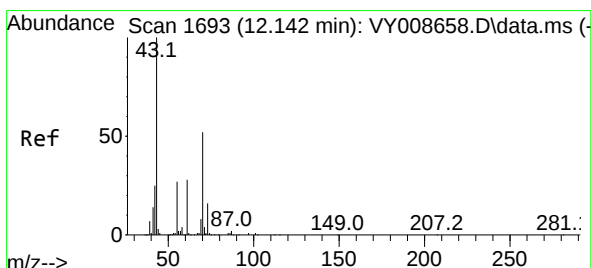
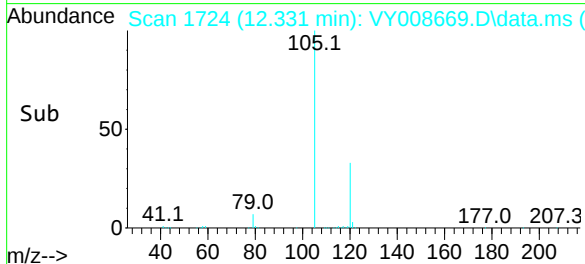
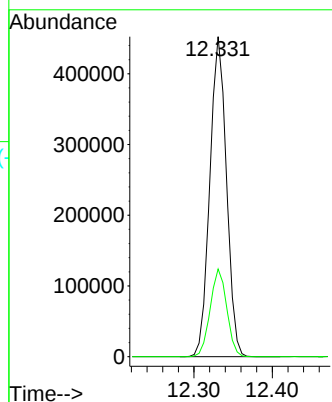
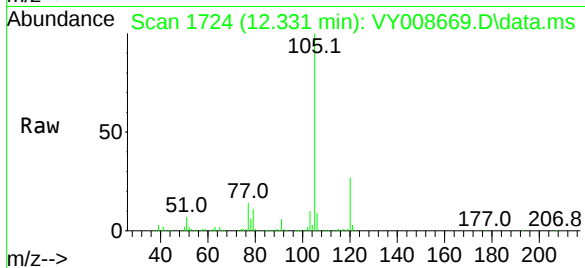
VSTDCCC050

Tgt Ion:105 Resp: 666187

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 50.849 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Tgt Ion: 43 Resp: 152741

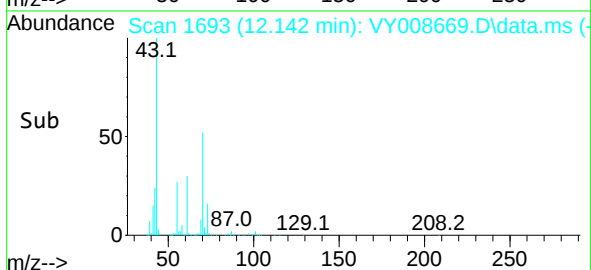
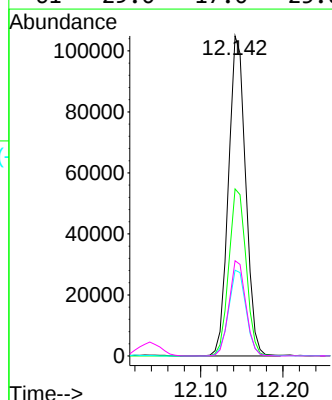
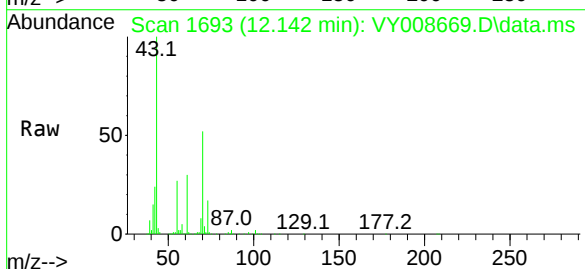
Ion Ratio Lower Upper

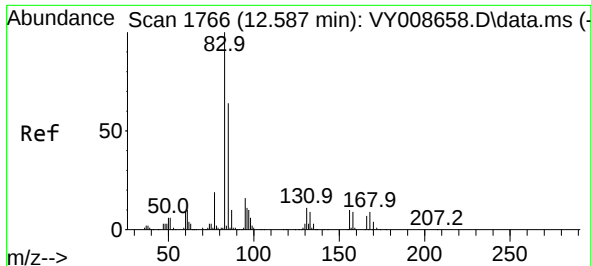
43 100

70 52.3 28.7 43.1#

55 27.3 17.3 25.9#

61 29.0 17.0 25.6#

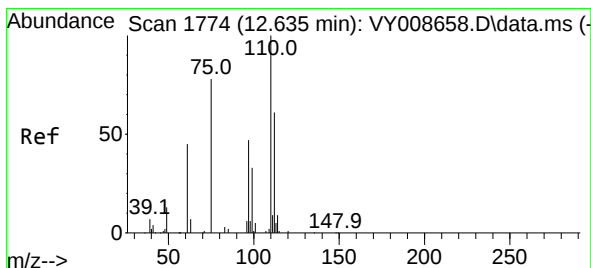
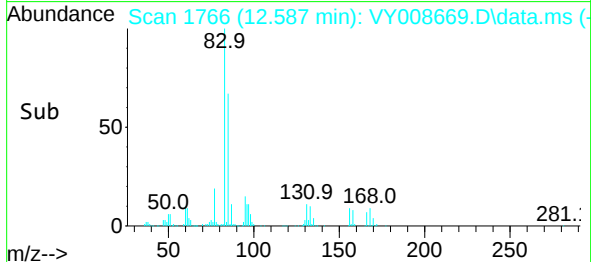
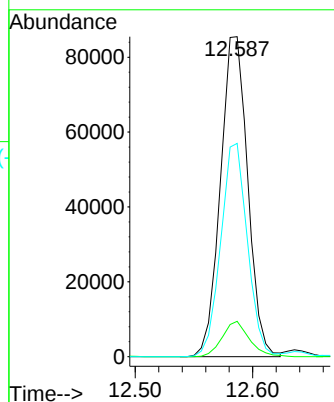
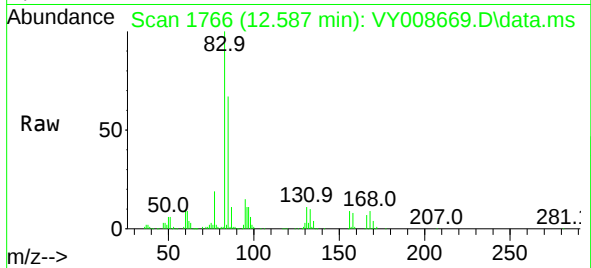




#75
1,1,2,2-Tetrachloroethane
Concen: 49.359 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

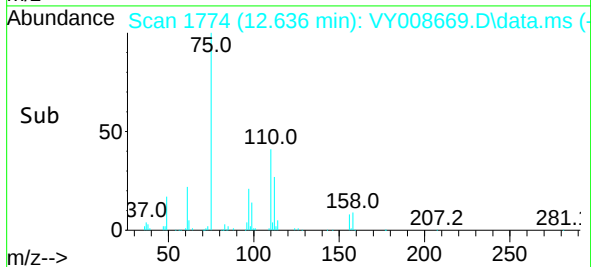
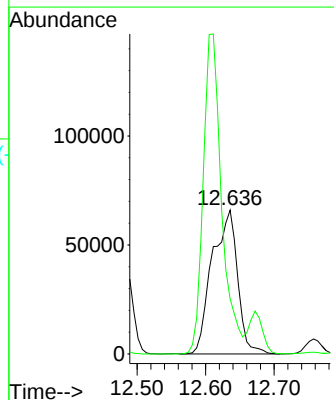
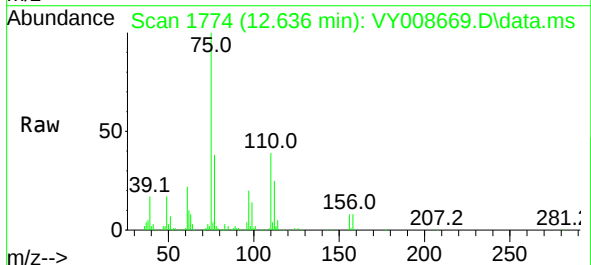
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

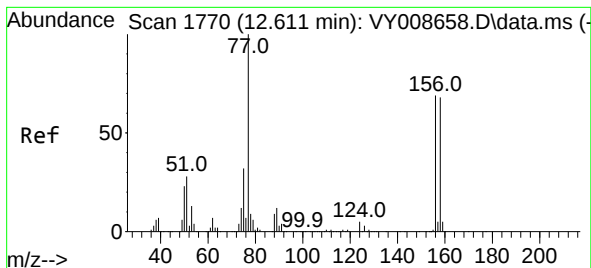
Tgt Ion: 83 Resp: 138215
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 86.249 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 75 Resp: 170251
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.430 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

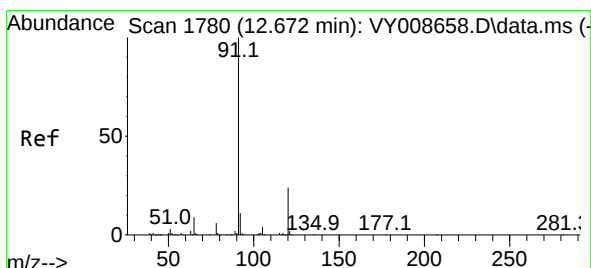
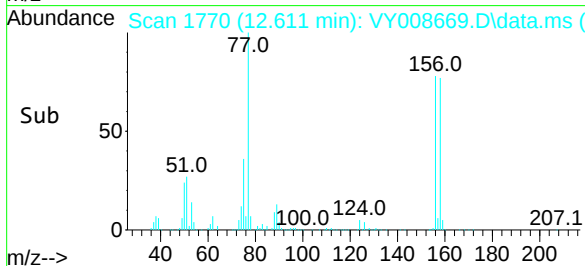
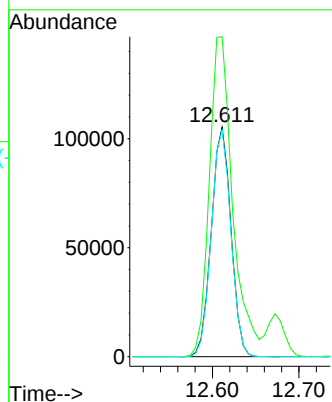
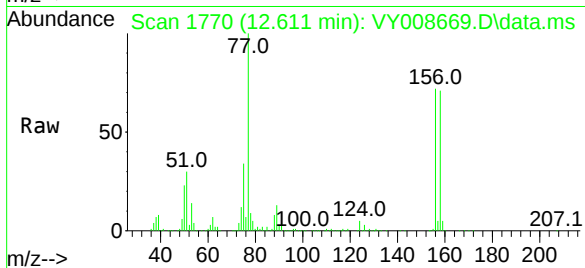
Tgt Ion:156 Resp: 165456

Ion Ratio Lower Upper

156 100

77 166.1 95.5 286.4

158 98.3 48.0 144.0



#78

n-propylbenzene

Concen: 49.919 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008669.D

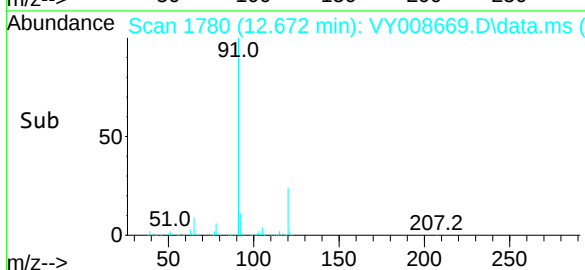
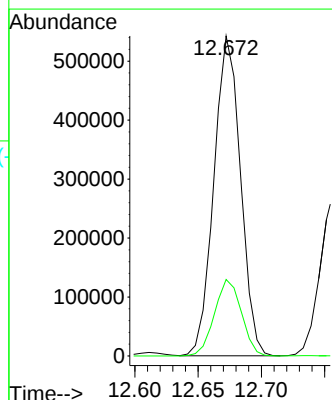
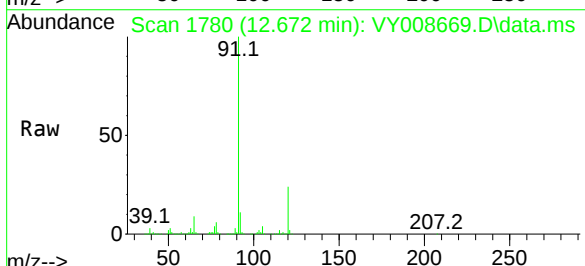
Acq: 10 May 2022 10:23

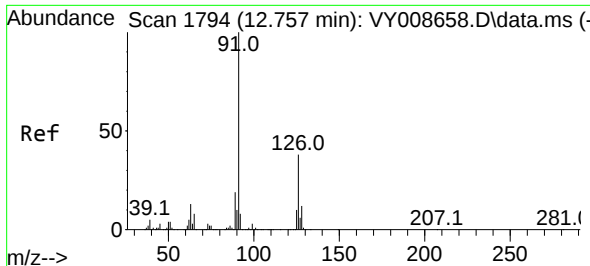
Tgt Ion: 91 Resp: 794006

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

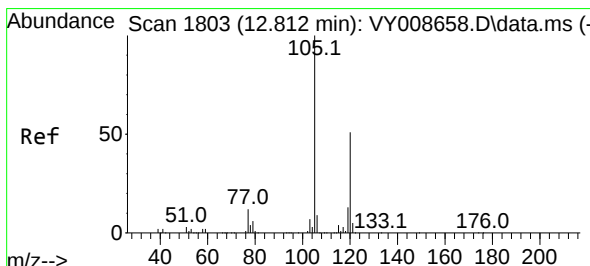
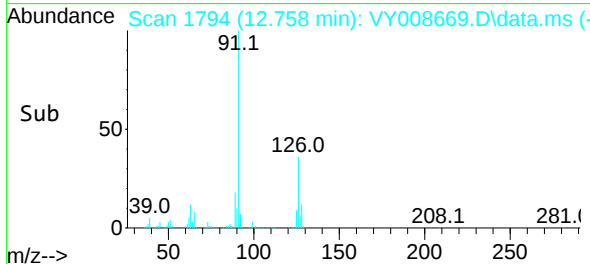
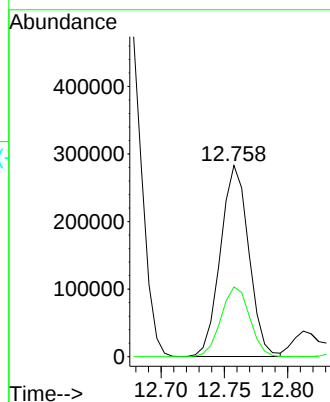
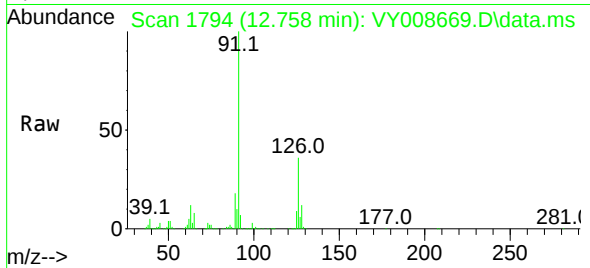




#79
2-Chlorotoluene
Concen: 50.042 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

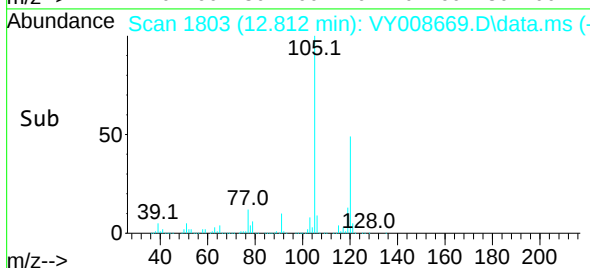
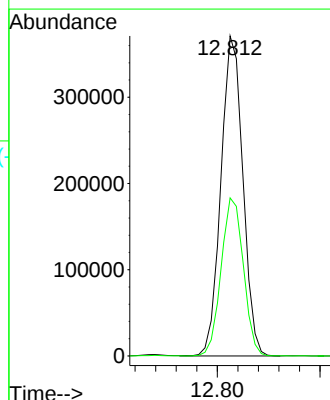
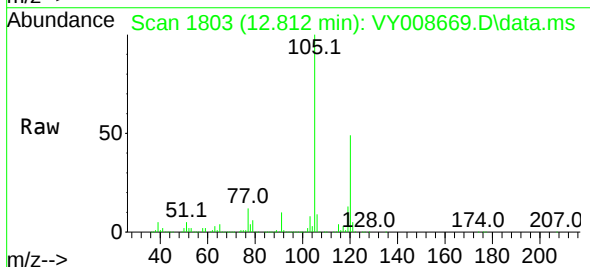
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

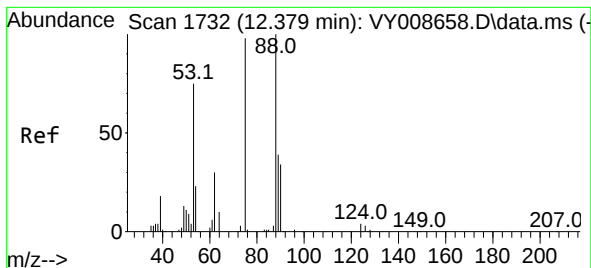
Tgt Ion: 91 Resp: 440345
Ion Ratio Lower Upper
91 100
126 36.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.638 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 105 Resp: 548685
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4

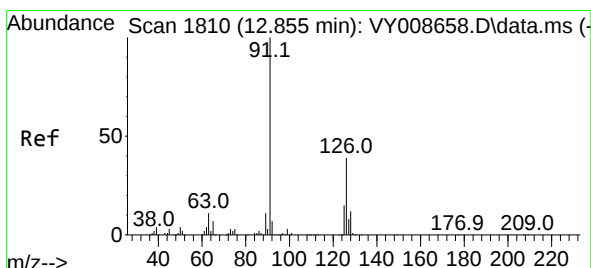
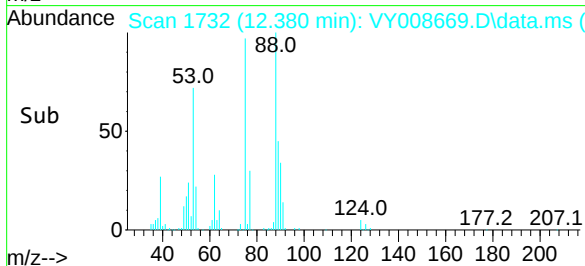
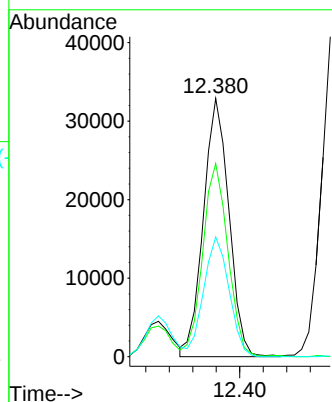
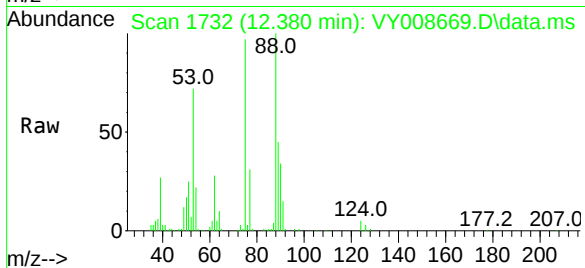




#81
trans-1,4-Dichloro-2-butene
Concen: 50.032 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

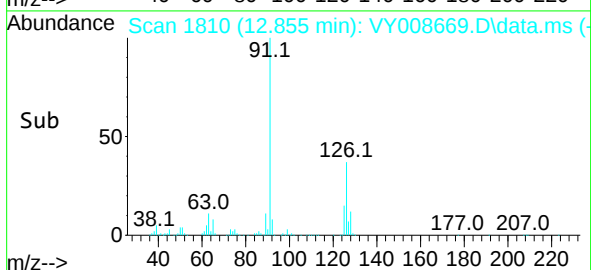
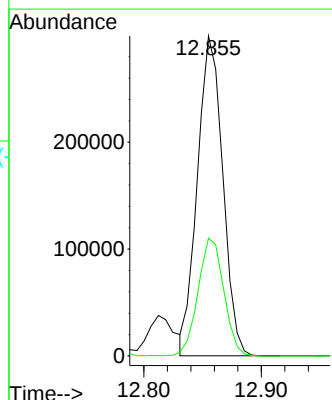
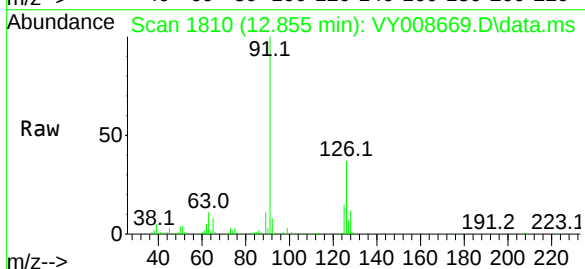
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

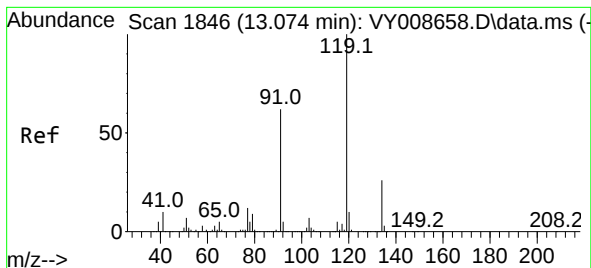
Tgt Ion: 75 Resp: 49640
Ion Ratio Lower Upper
75 100
53 73.2 85.3 127.9#
89 45.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.202 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion: 91 Resp: 448971
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0

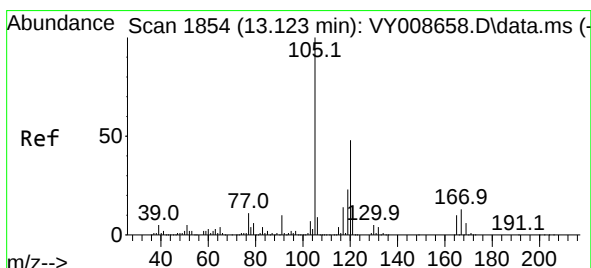
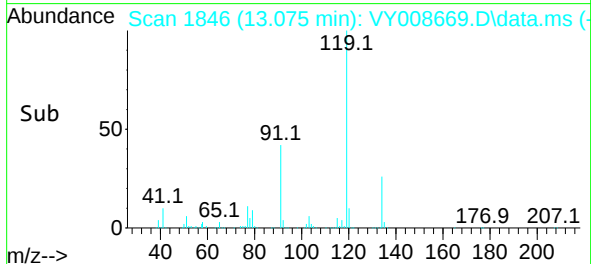
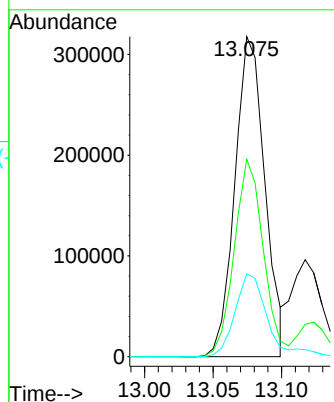
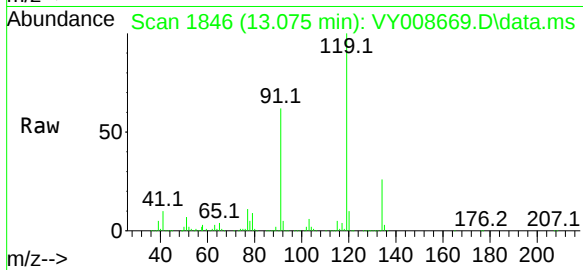




#83
 tert-Butylbenzene
 Concen: 49.715 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. 0.001 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

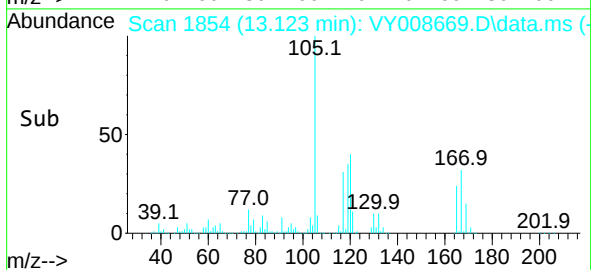
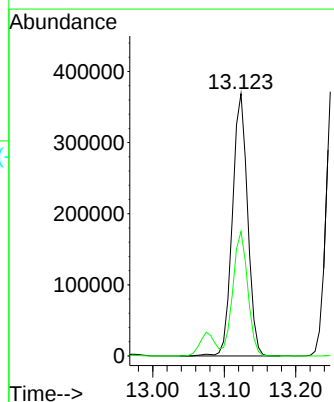
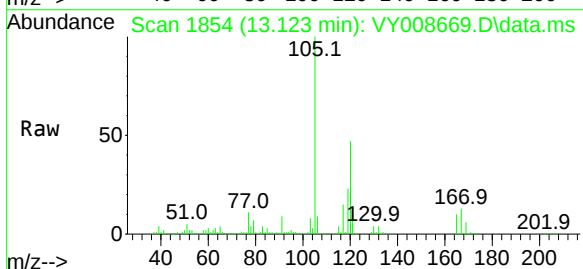
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

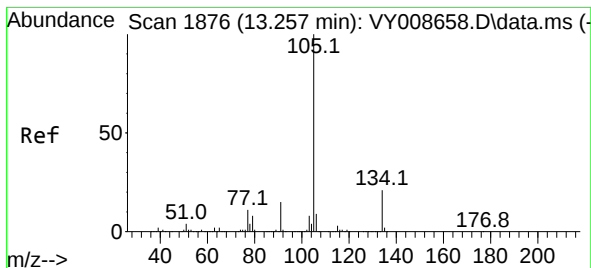
Tgt Ion:119 Resp: 483252
 Ion Ratio Lower Upper
 119 100
 91 60.0 34.8 104.4
 134 28.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.682 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY008669.D
 Acq: 10 May 2022 10:23

Tgt Ion:105 Resp: 542326
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.030 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

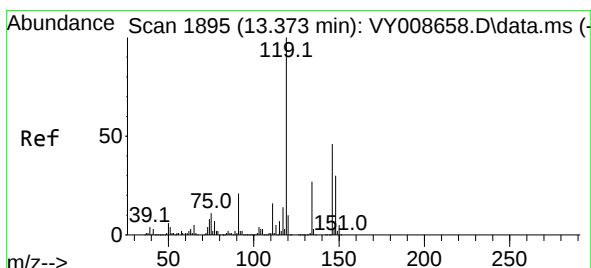
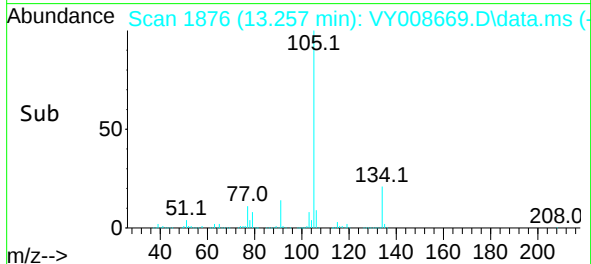
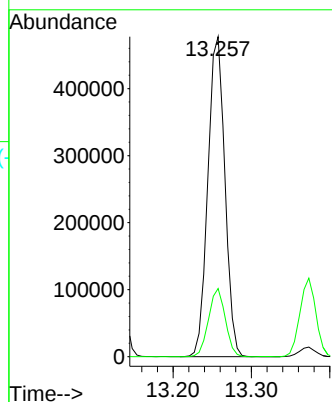
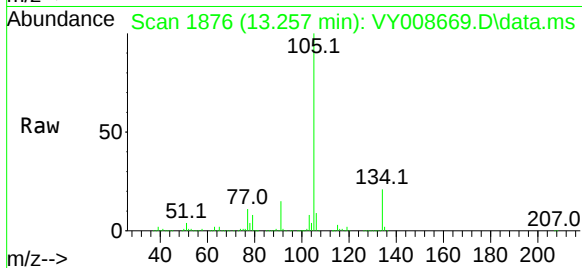
VSTDCCC050

Tgt Ion:105 Resp: 718776

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.768 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

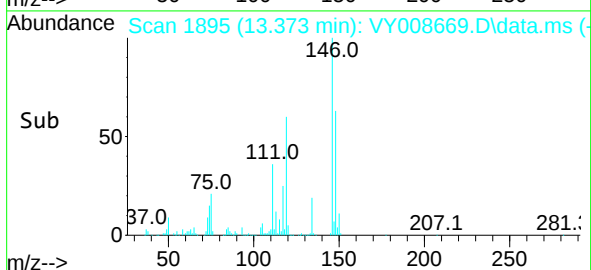
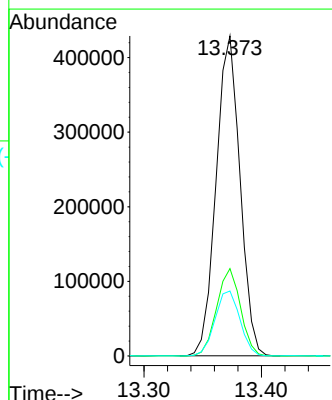
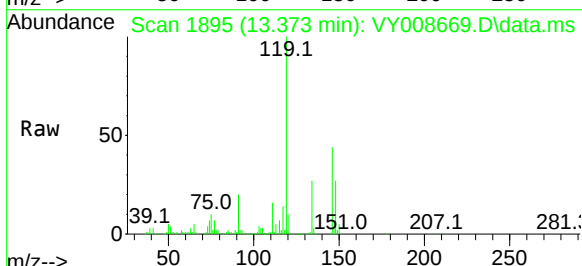
Tgt Ion:119 Resp: 606079

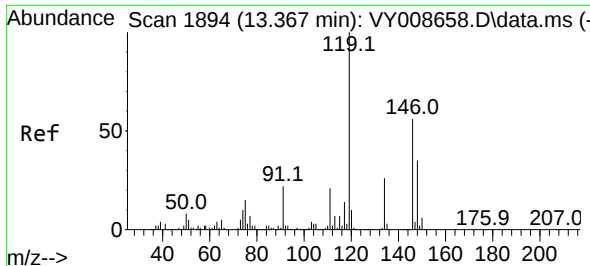
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 21.2 12.4 37.2

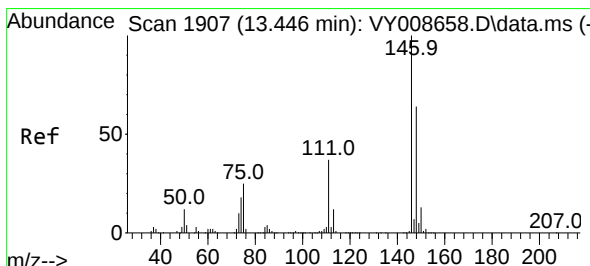
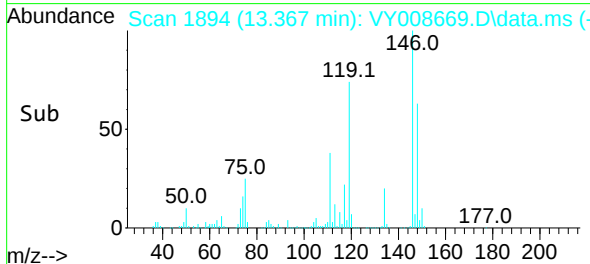
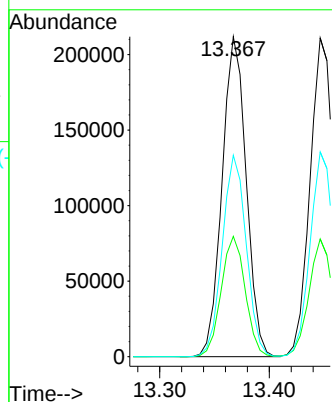
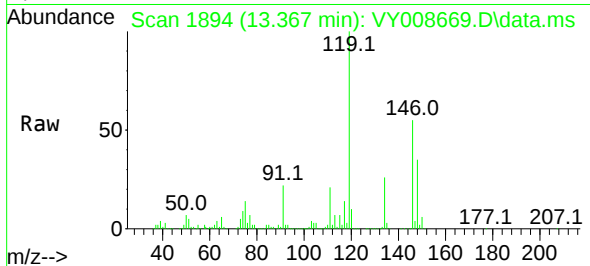




#87
1,3-Dichlorobenzene
Concen: 50.034 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

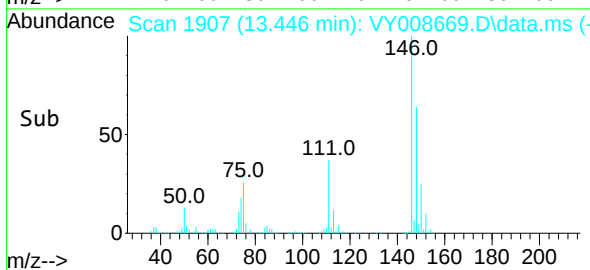
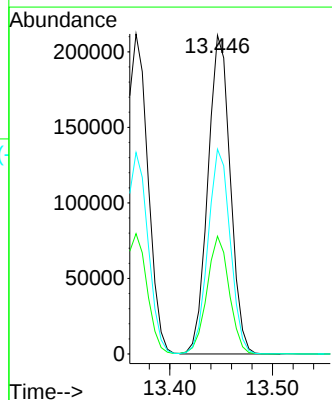
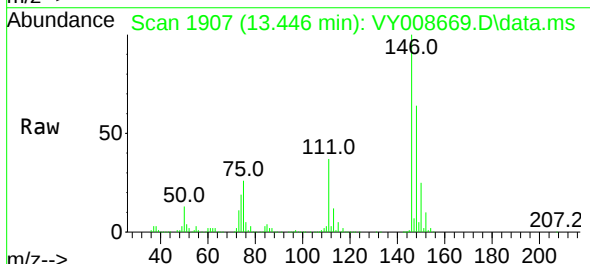
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

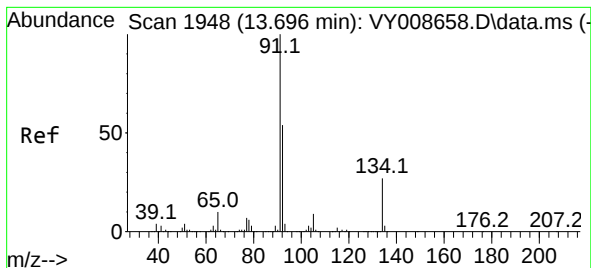
Tgt Ion:146 Resp: 323963
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 62.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 49.669 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008669.D
Acq: 10 May 2022 10:23

Tgt Ion:146 Resp: 318875
Ion Ratio Lower Upper
146 100
111 36.8 19.3 57.8
148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 50.325 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

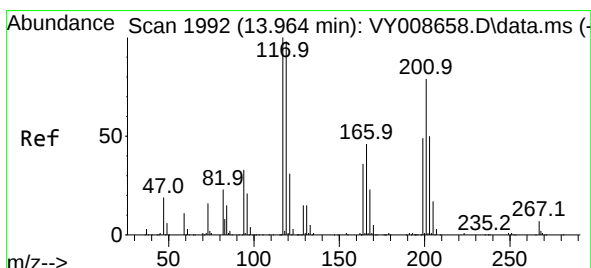
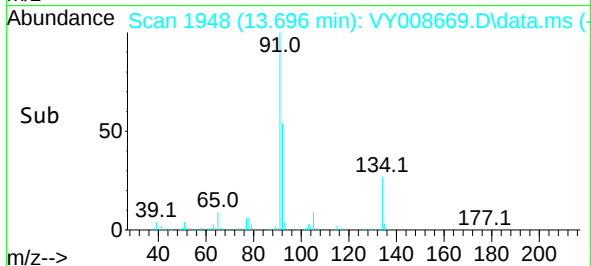
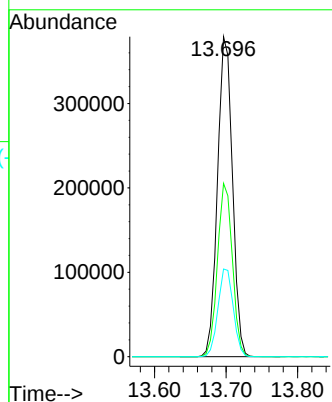
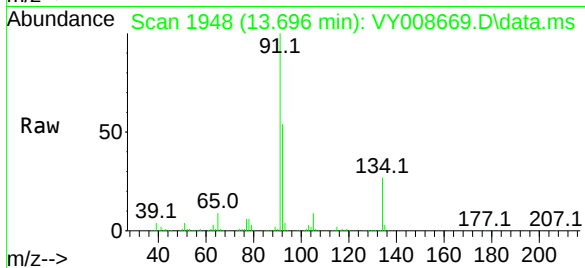
Tgt Ion: 91 Resp: 549831

Ion Ratio Lower Upper

91 100

92 53.9 26.3 78.9

134 28.0 13.0 38.9



#90

Hexachloroethane

Concen: 50.427 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY008669.D

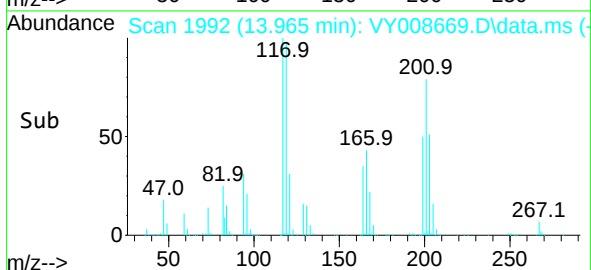
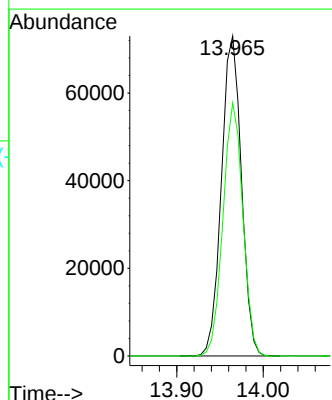
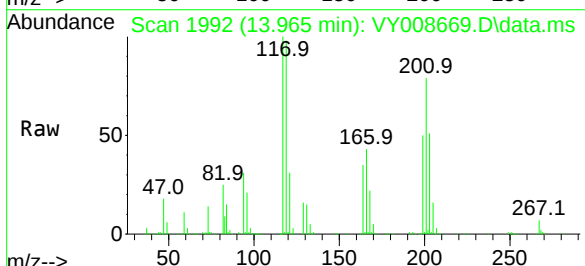
Acq: 10 May 2022 10:23

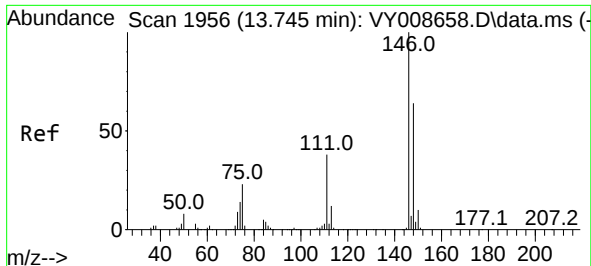
Tgt Ion: 117 Resp: 116885

Ion Ratio Lower Upper

117 100

201 78.7 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 50.159 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

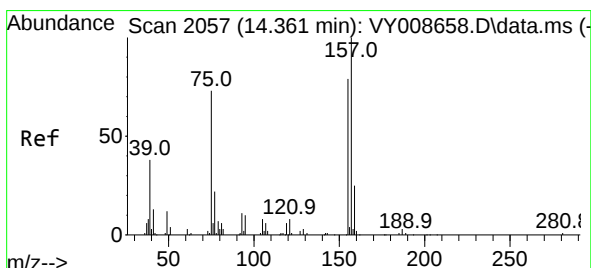
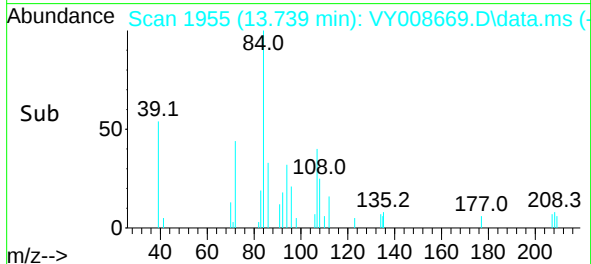
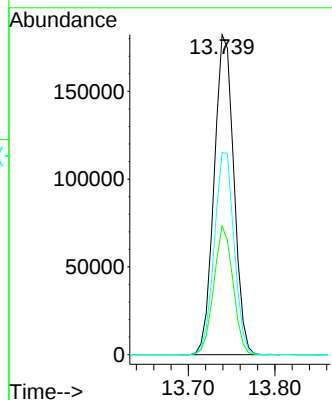
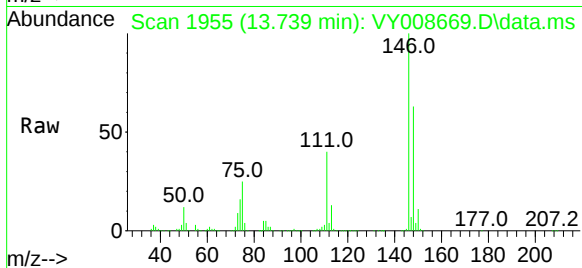
Tgt Ion:146 Resp: 288067

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.918 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

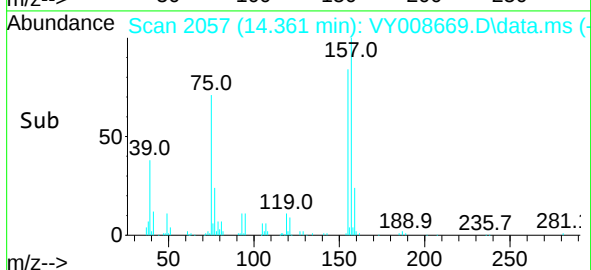
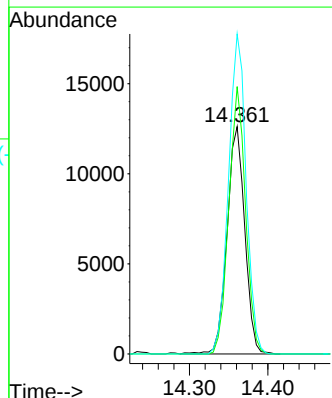
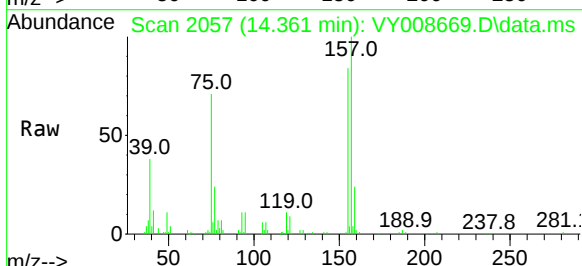
Tgt Ion: 75 Resp: 19859

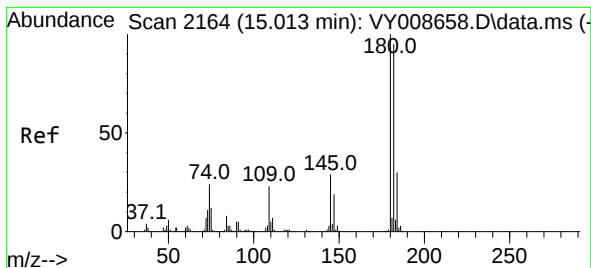
Ion Ratio Lower Upper

75 100

155 110.9 38.0 113.9

157 139.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.818 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

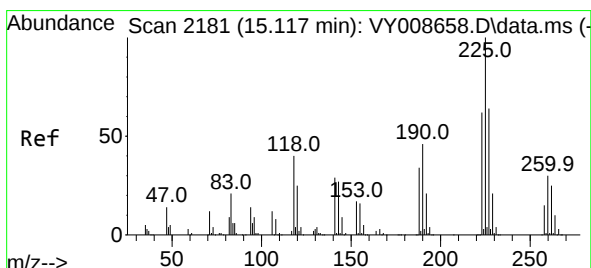
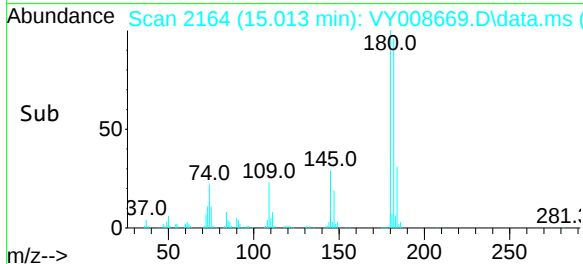
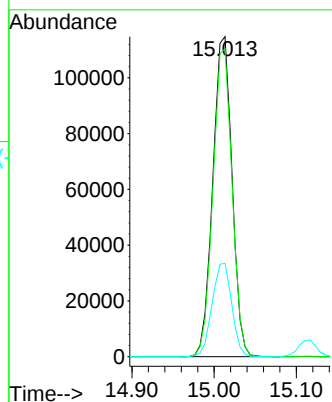
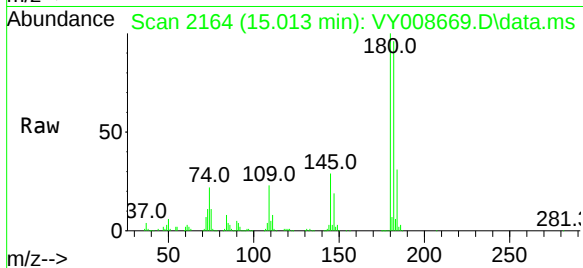
Tgt Ion:180 Resp: 186441

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.729 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

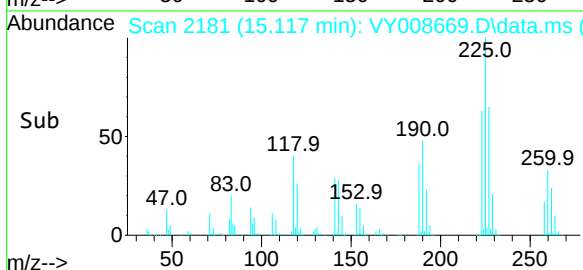
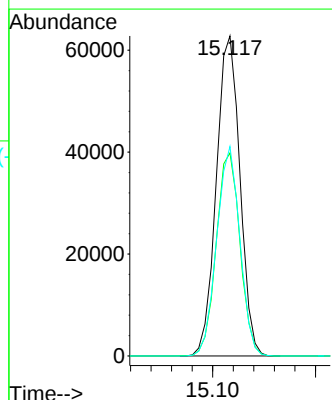
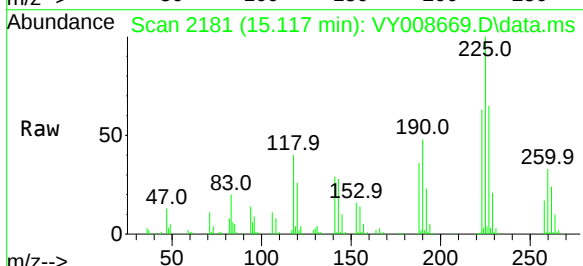
Tgt Ion:225 Resp: 99976

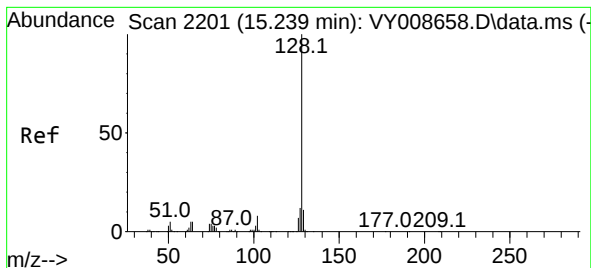
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 52.146 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

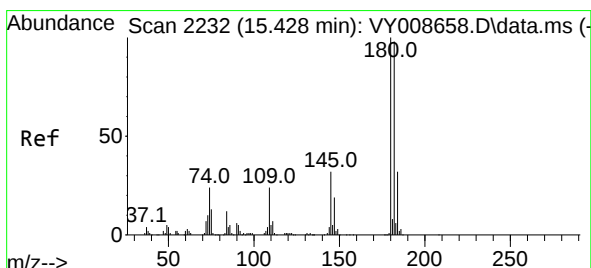
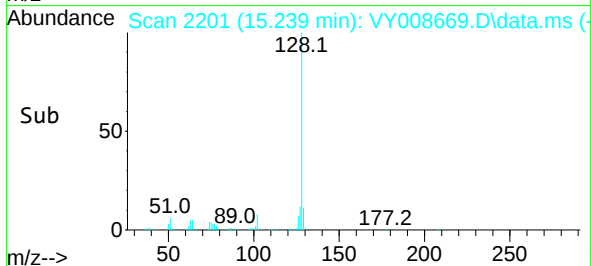
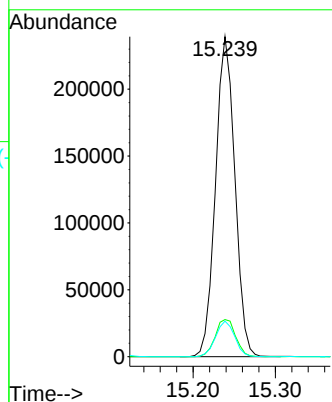
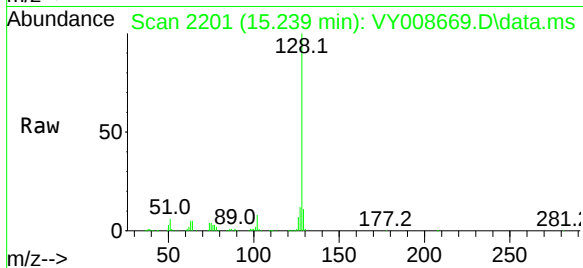
Tgt Ion:128 Resp: 391398

Ion Ratio Lower Upper

128 100

127 12.3 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.243 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008669.D

Acq: 10 May 2022 10:23

Tgt Ion:180 Resp: 165680

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 31.3 15.3 45.9

