

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008829.D
 Acq On : 18 May 2022 21:08
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 19 03:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82551	61.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.540%	
35) Dibromofluoromethane	7.716	113	77865	54.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.179	98	334212	52.471	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.483	95	124118	54.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41797	46.167	ug/l	99
3) Chloromethane	2.113	50	64457	49.389	ug/l	95
4) Vinyl Chloride	2.247	62	96310	49.166	ug/l	99
5) Bromomethane	2.643	94	88480	52.710	ug/l	99
6) Chloroethane	2.790	64	72031	48.062	ug/l	96
7) Trichlorofluoromethane	3.125	101	89885	46.124	ug/l	90
8) Diethyl Ether	3.527	74	30786	48.229	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	59008	49.688	ug/l	92
10) Methyl Iodide	4.088	142	65727	44.036	ug/l	92
11) Tert butyl alcohol	4.954	59	29631	200.598	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	52717	43.124	ug/l	81
13) Acrolein	3.735	56	8496	116.267	ug/l	98
14) Allyl chloride	4.479	41	82036	45.622	ug/l #	89
15) Acrylonitrile	5.155	53	88854	205.271	ug/l	99
16) Acetone	3.948	43	64091	210.737	ug/l	92
17) Carbon Disulfide	4.192	76	142967	45.172	ug/l	99
18) Methyl Acetate	4.472	43	40742	42.188	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	178285	54.151	ug/l	98
20) Methylene Chloride	4.710	84	79363	58.762	ug/l	82
21) trans-1,2-Dichloroethene	5.216	96	67021	44.713	ug/l	87
22) Diisopropyl ether	6.118	45	214426	56.308	ug/l #	94
23) Vinyl Acetate	6.058	43	703160	261.885	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	122311	48.405	ug/l	99
25) 2-Butanone	6.984	43	117318	209.165	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	103878	43.253	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	81447	48.991	ug/l	87
28) Bromochloromethane	7.332	49	53169	55.501	ug/l	87
29) Tetrahydrofuran	7.344	42	79633	213.128	ug/l #	85
30) Chloroform	7.502	83	136012	50.205	ug/l	98
31) Cyclohexane	7.783	56	102399	48.405	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	119944	47.752	ug/l	97
36) 1,1-Dichloropropene	7.917	75	96132	42.020	ug/l	95
37) Ethyl Acetate	7.070	43	54226	39.775	ug/l	96
38) Carbon Tetrachloride	7.899	117	106126	43.285	ug/l	100
39) Methylcyclohexane	9.179	83	123202	45.410	ug/l	90
40) Benzene	8.161	78	298180	46.580	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24613	34.329	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	91032	48.445	ug/l	92
43) Isopropyl Acetate	8.271	43	107824	47.509	ug/l #	92
44) Trichloroethene	8.941	130	79469	45.637	ug/l	98
45) 1,2-Dichloropropane	9.215	63	76201	50.088	ug/l	93
46) Dibromomethane	9.301	93	46642	46.656	ug/l	95
47) Bromodichloromethane	9.496	83	111602	50.357	ug/l	100
48) Methyl methacrylate	9.295	41	47671	47.837	ug/l #	84
49) 1,4-Dioxane	9.301	88	12289	818.410	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	305075	227.699	ug/l	90
52) Toluene	10.240	92	218630	50.261	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	121296	52.693	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	124124	50.003	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	70099	51.565	ug/l	100
56) Ethyl methacrylate	10.508	69	91605	55.541	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	114496	51.222	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	242474	288.300	ug/l	94
59) 2-Hexanone	10.831	43	213326	222.840	ug/l	87
60) Dibromochloromethane	10.983	129	85984	52.688	ug/l	100
61) 1,2-Dibromoethane	11.087	107	67621	49.880	ug/l	100
64) Tetrachloroethene	10.721	164	68382	42.698	ug/l	96
65) Chlorobenzene	11.514	112	238982	47.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	92363	49.928	ug/l	97
67) Ethyl Benzene	11.593	91	433063	47.891	ug/l	98
68) m/p-Xylenes	11.703	106	359500	99.792	ug/l	92
69) o-Xylene	12.026	106	169810	51.014	ug/l	91
70) Styrene	12.044	104	303454	53.853	ug/l	93
71) Bromoform	12.209	173	61352	48.854	ug/l #	99
73) Isopropylbenzene	12.331	105	462536	42.272	ug/l	99
74) N-amyl acetate	12.142	43	114444	43.819	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	98135	40.343	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	120880	65.592	ug/l #	100
77) Bromobenzene	12.611	156	107002	42.204	ug/l	94
78) n-propylbenzene	12.672	91	570914	42.472	ug/l	99
79) 2-Chlorotoluene	12.758	91	319772	43.920	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	405587	45.910	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31979	37.955	ug/l	85
82) 4-Chlorotoluene	12.855	91	351487	45.698	ug/l	97
83) tert-Butylbenzene	13.075	119	361185	45.460	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	411030	46.997	ug/l	97
85) sec-Butylbenzene	13.251	105	565335	45.607	ug/l	99
86) p-Isopropyltoluene	13.367	119	478552	47.347	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	243739	45.754	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241947	45.916	ug/l	99
89) n-Butylbenzene	13.696	91	430353	44.857	ug/l	100
90) Hexachloroethane	13.959	117	85903	44.953	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	218923	46.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15172	36.478	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	113709	44.698	ug/l	100
94) Hexachlorobutadiene	15.111	225	63223	43.189	ug/l	100
95) Naphthalene	15.239	128	238879	42.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	101277	45.318	ug/l	100

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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

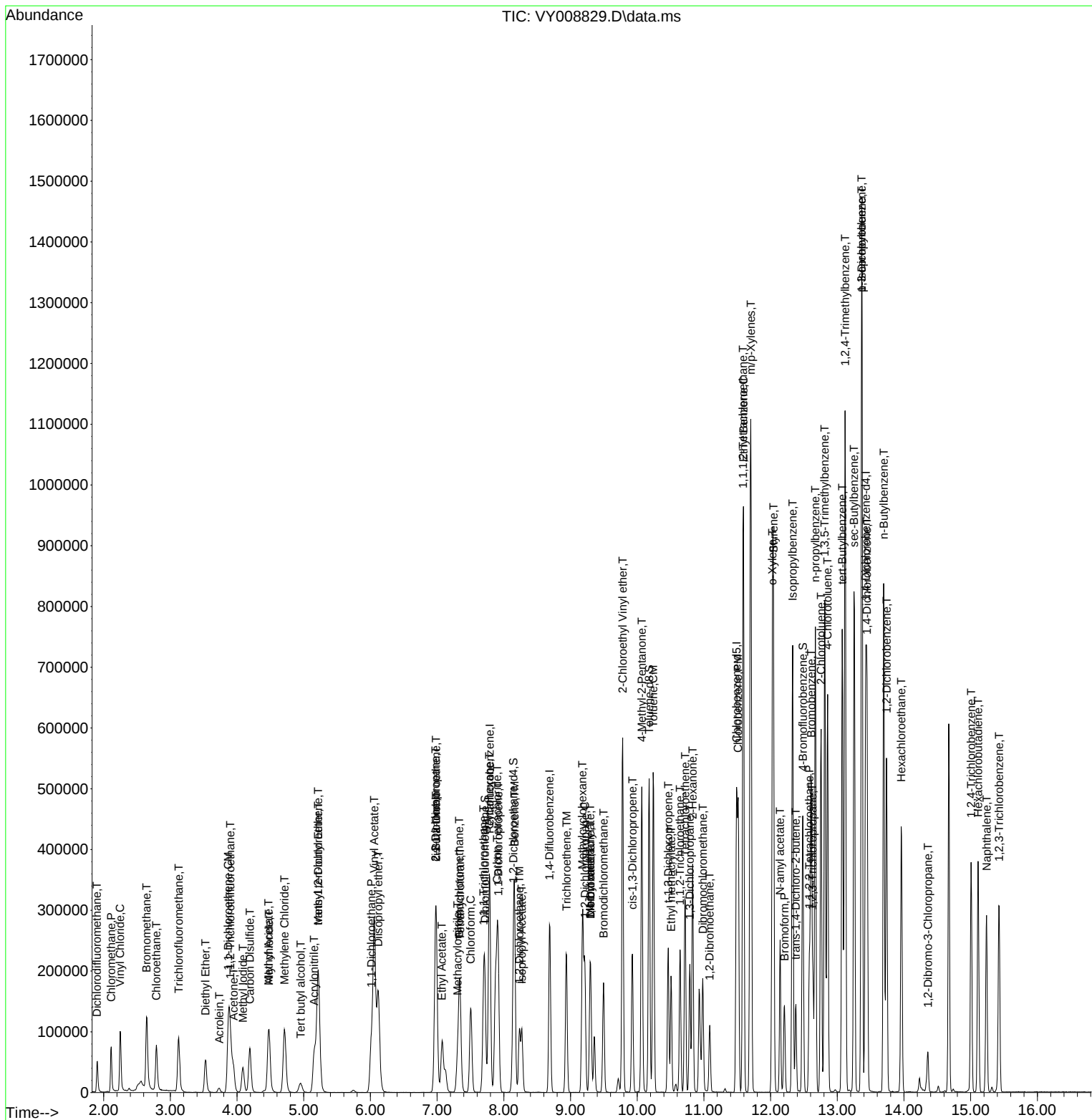
Quant Time: May 19 03:14:16 2022
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Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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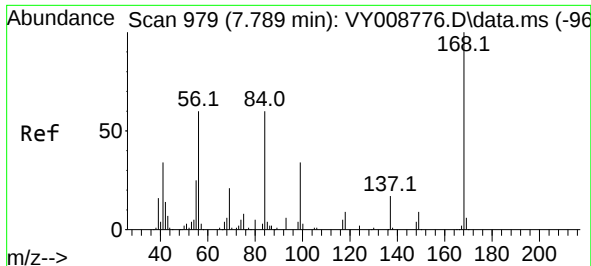
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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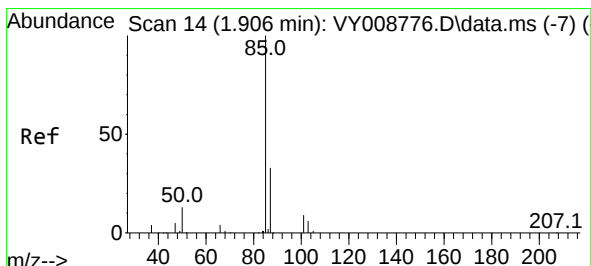
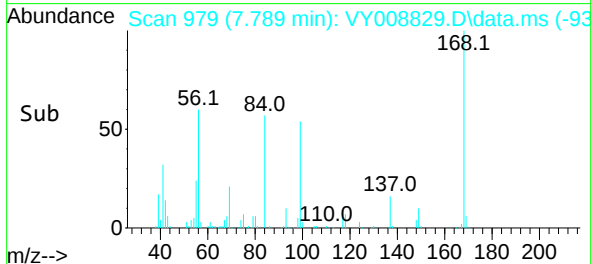
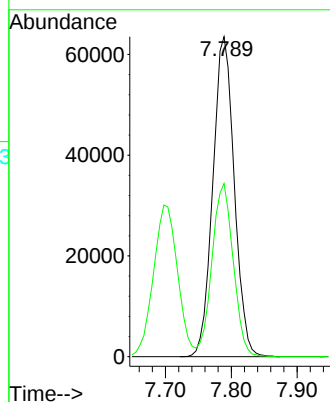
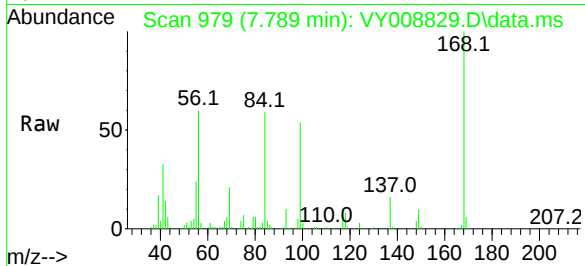




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008829.D
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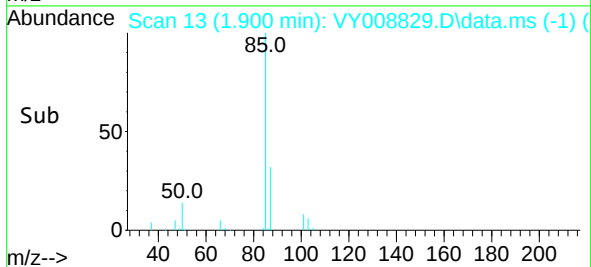
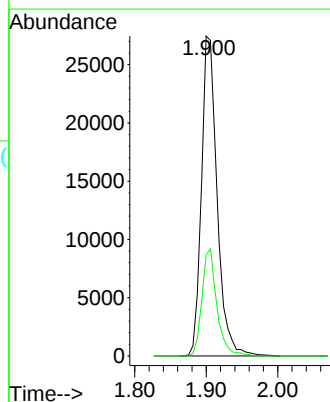
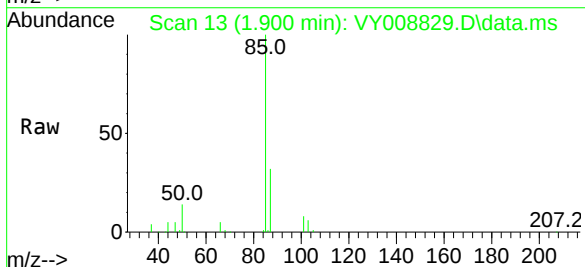
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

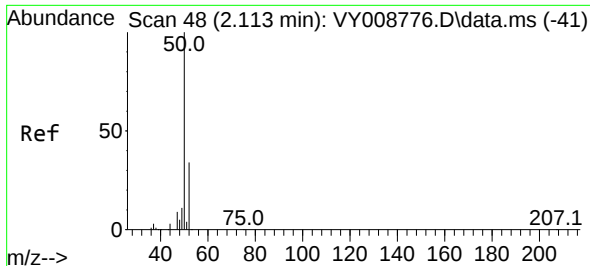
Tgt Ion:168 Resp: 144068
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 46.167 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 85 Resp: 41797
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

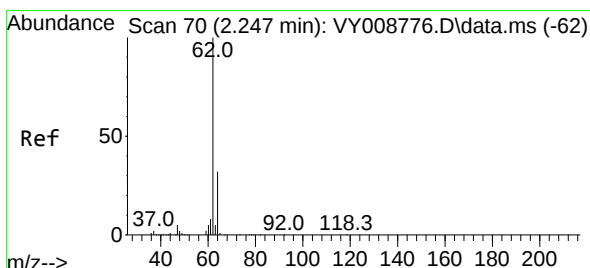
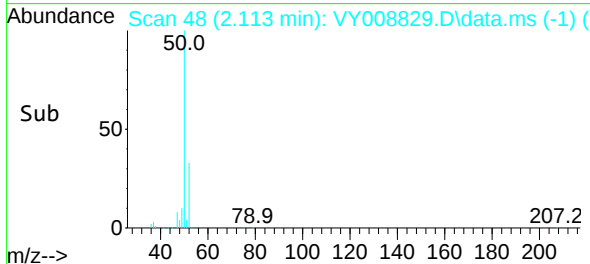
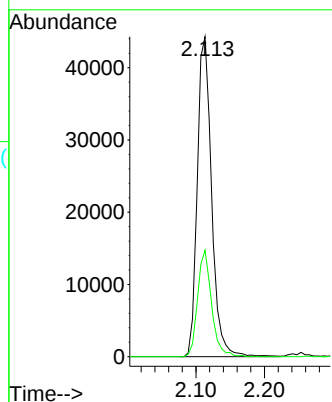
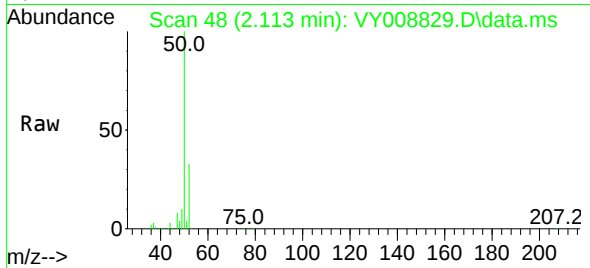




#3
Chloromethane
Concen: 49.389 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

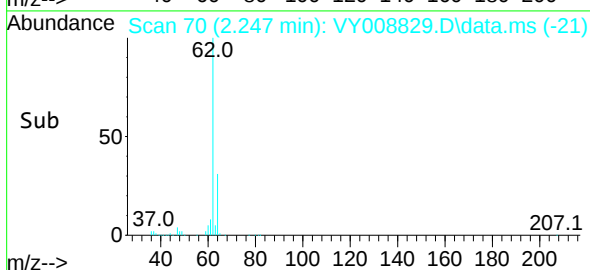
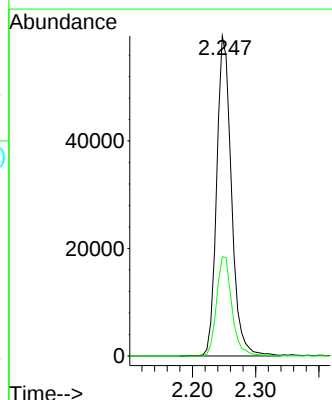
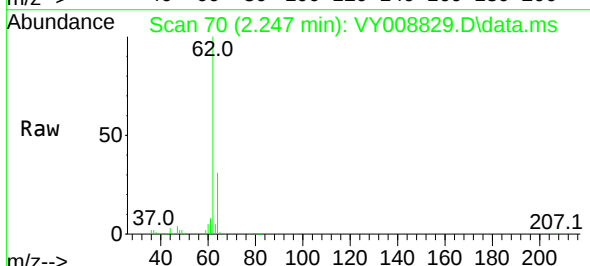
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

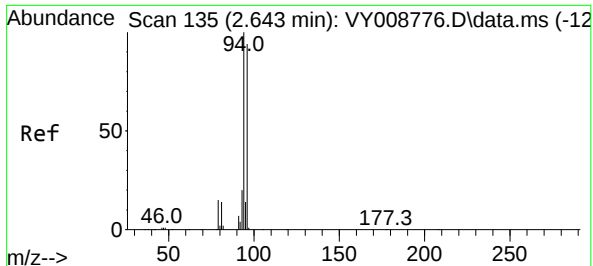
Tgt Ion: 50 Resp: 64457
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 49.166 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 62 Resp: 96310
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6

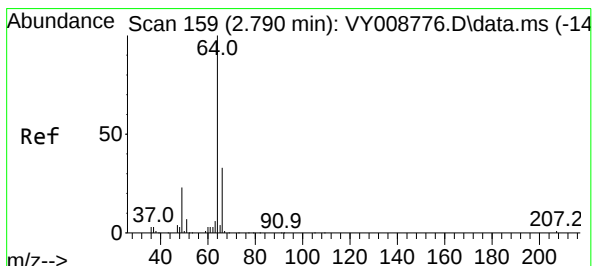
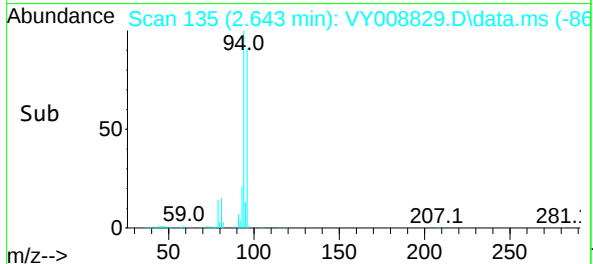
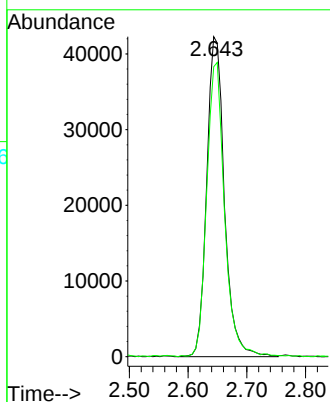
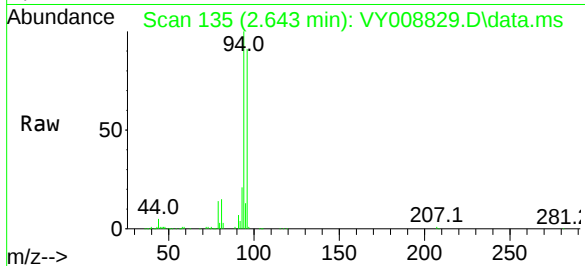




#5
Bromomethane
Concen: 52.710 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

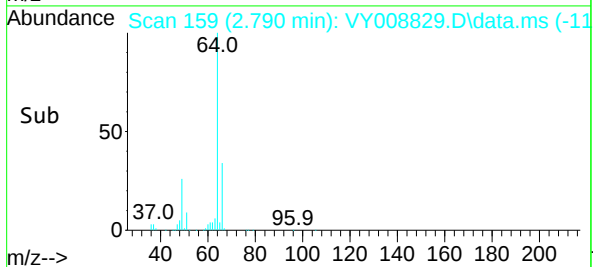
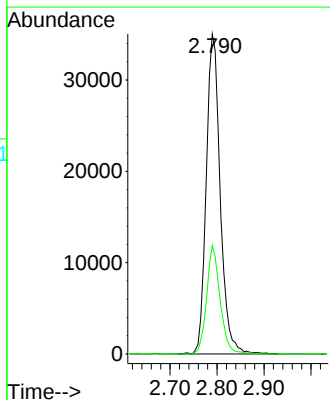
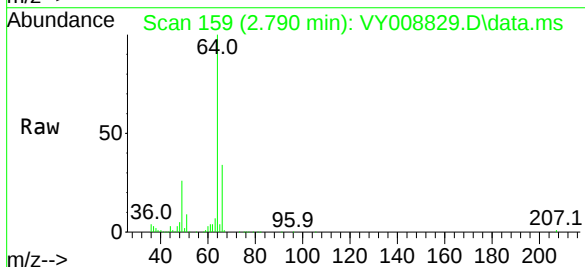
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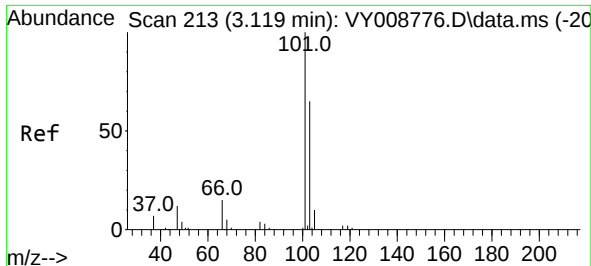
Tgt Ion: 94 Resp: 88480
Ion Ratio Lower Upper
94 100
96 90.6 73.5 110.3



#6
Chloroethane
Concen: 48.062 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 64 Resp: 72031
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0

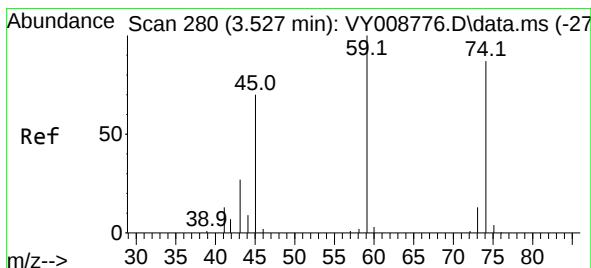
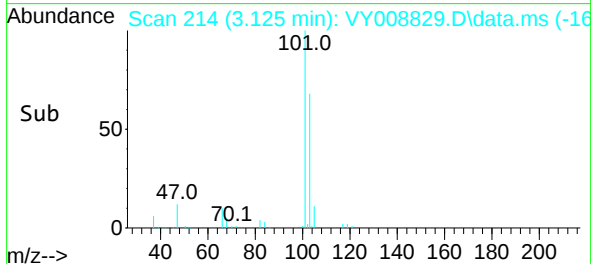
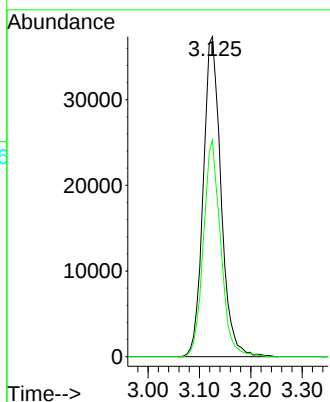
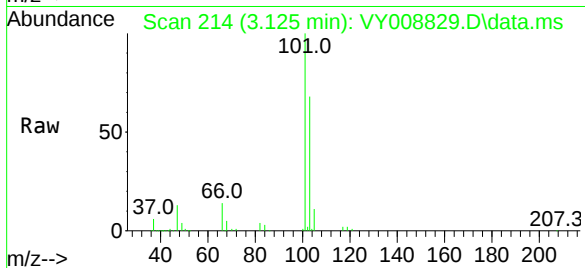




#7
Trichlorofluoromethane
Concen: 46.124 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

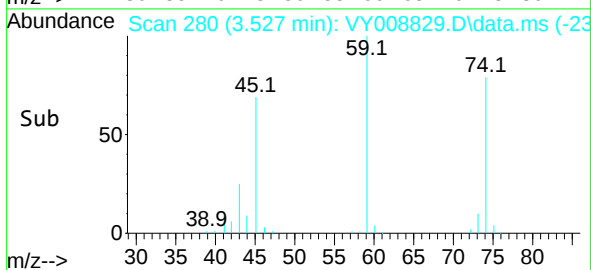
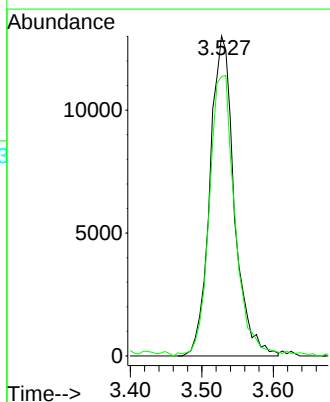
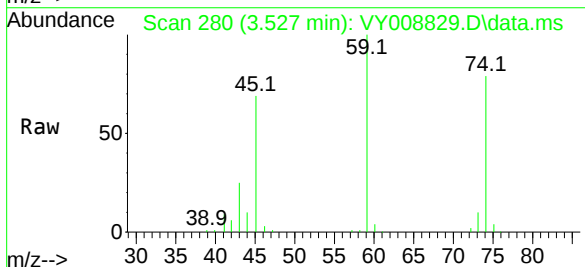
Instrument :
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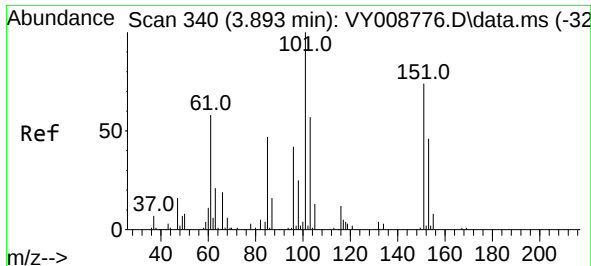
Tgt Ion:101 Resp: 89885
Ion Ratio Lower Upper
101 100
103 67.7 48.0 72.0



#8
Diethyl Ether
Concen: 48.229 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 74 Resp: 30786
Ion Ratio Lower Upper
74 100
45 92.2 55.1 165.5

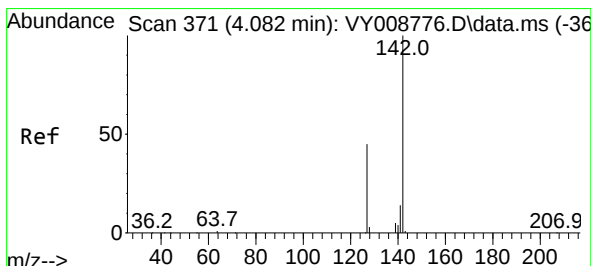
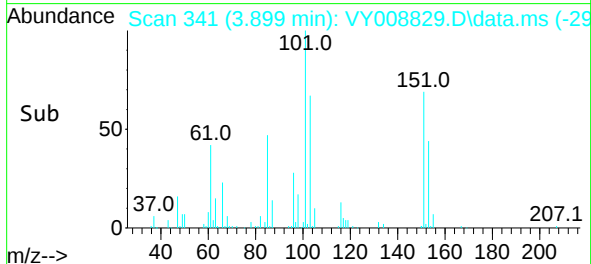
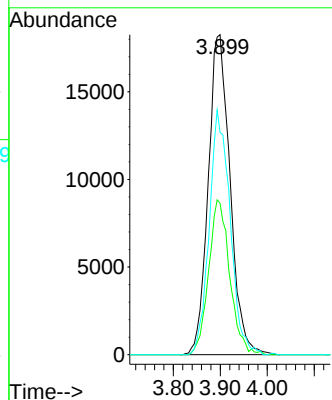
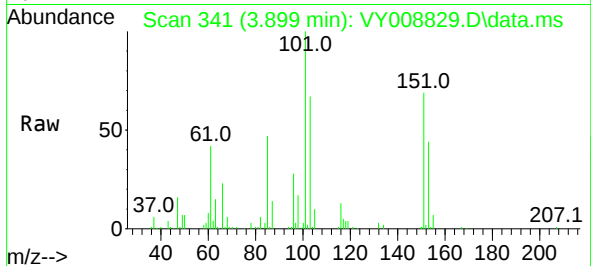




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.688 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

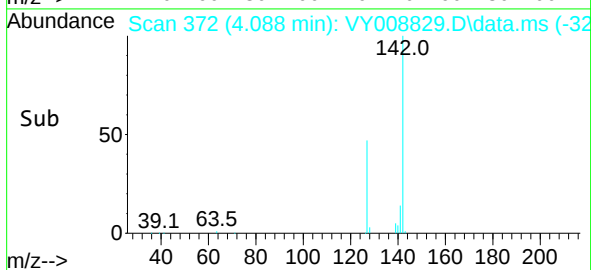
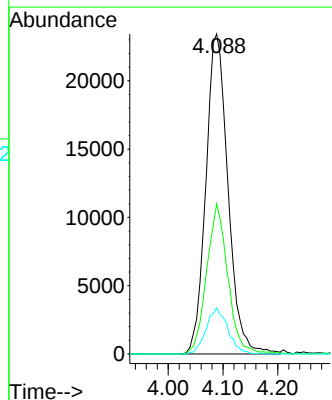
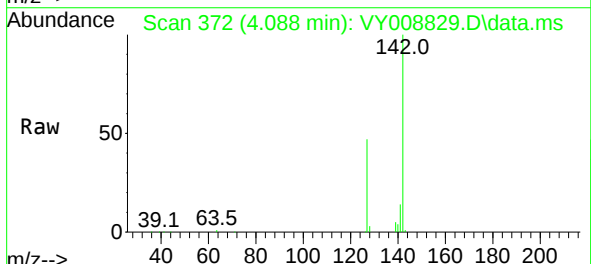
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

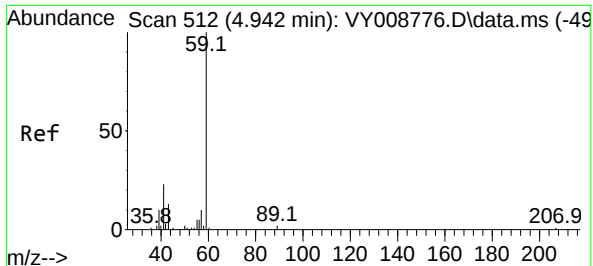
Tgt Ion:101 Resp: 59008
Ion Ratio Lower Upper
101 100
85 46.7 40.6 60.8
151 73.0 64.9 97.3



#10
Methyl Iodide
Concen: 44.036 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion:142 Resp: 65727
Ion Ratio Lower Upper
142 100
127 44.9 41.5 62.3
141 14.1 11.9 17.9

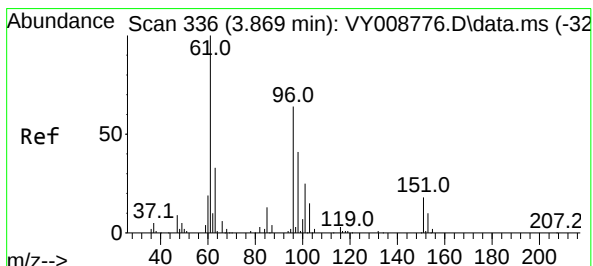
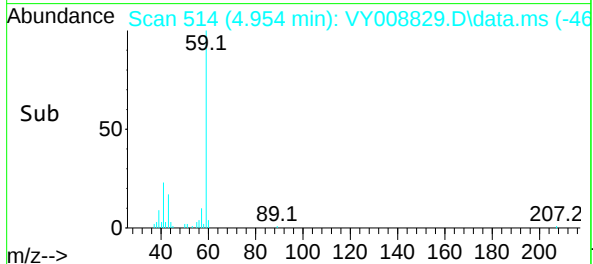
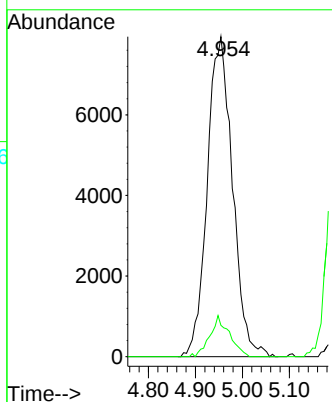
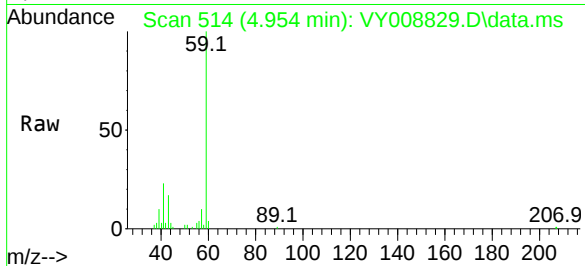




#11
Tert butyl alcohol
Concen: 200.598 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

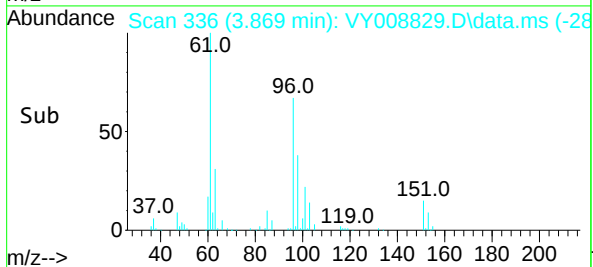
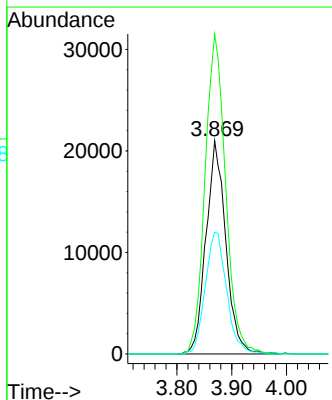
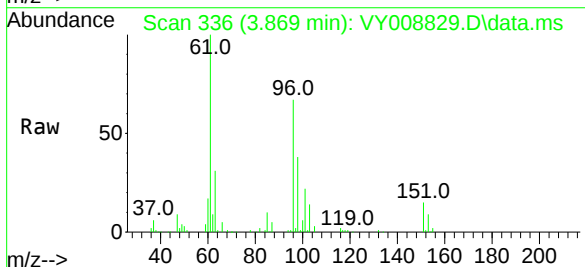
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

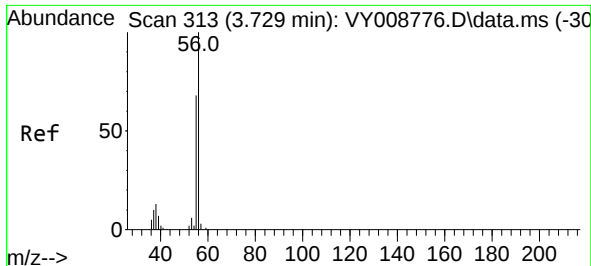
Tgt Ion: 59 Resp: 29631
Ion Ratio Lower Upper
59 100
57 9.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 43.124 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 96 Resp: 52717
Ion Ratio Lower Upper
96 100
61 150.1 145.8 218.6
98 57.2 52.5 78.7





#13

Acrolein

Concen: 116.267 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

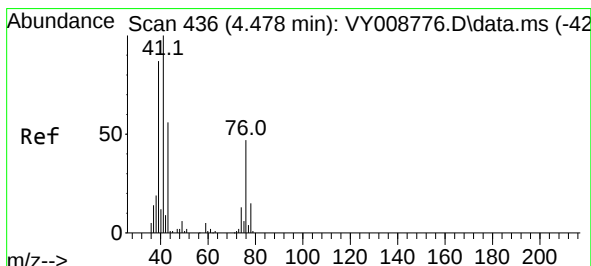
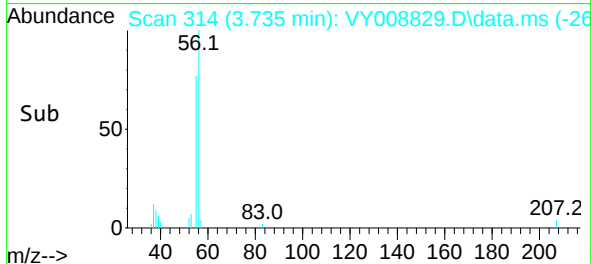
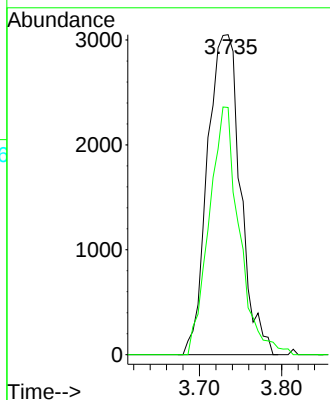
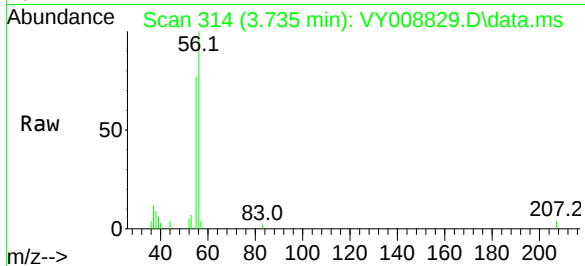
VSTDCCC050EC

Tgt Ion: 56 Resp: 8496

Ion Ratio Lower Upper

56 100

55 70.7 57.6 86.4



#14

Allyl chloride

Concen: 45.622 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

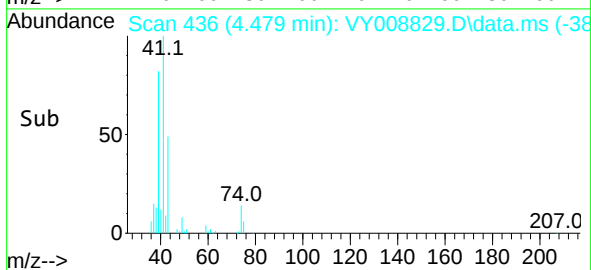
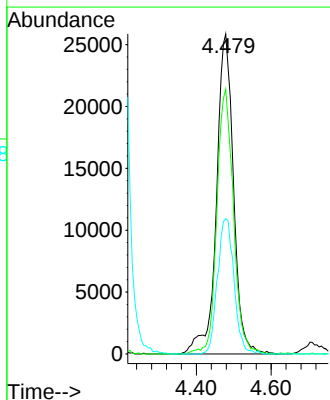
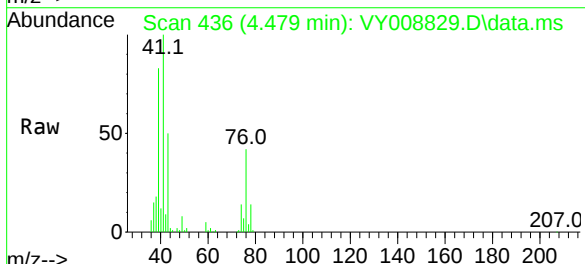
Tgt Ion: 41 Resp: 82036

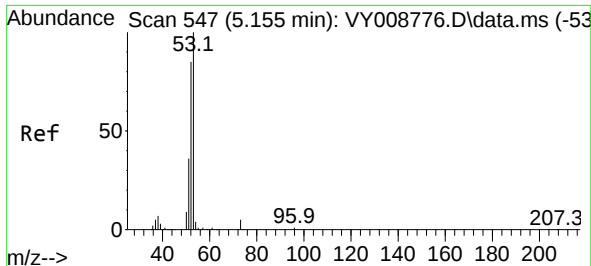
Ion Ratio Lower Upper

41 100

39 80.3 58.8 88.2

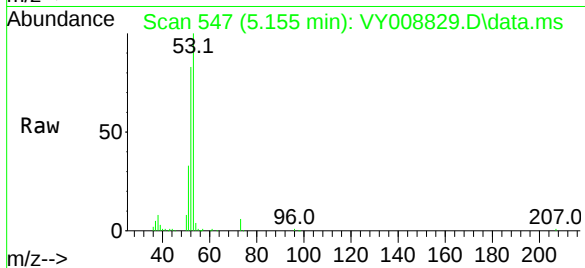
76 41.0 25.1 37.7#



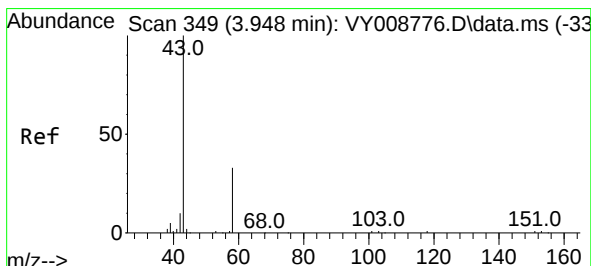
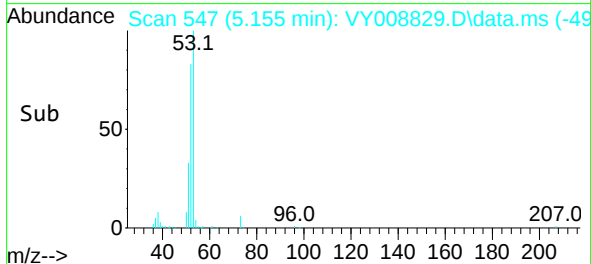
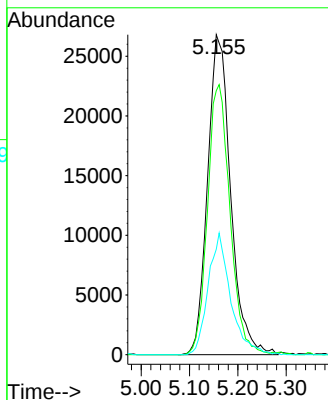


#15
Acrylonitrile
Concen: 205.271 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

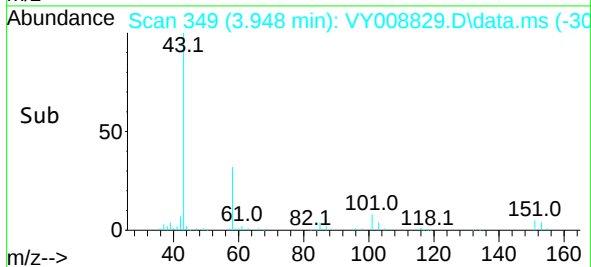
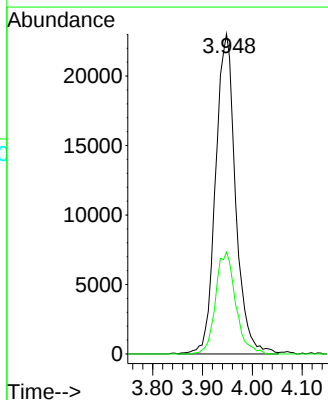
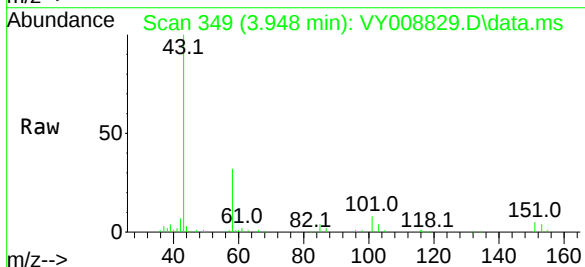


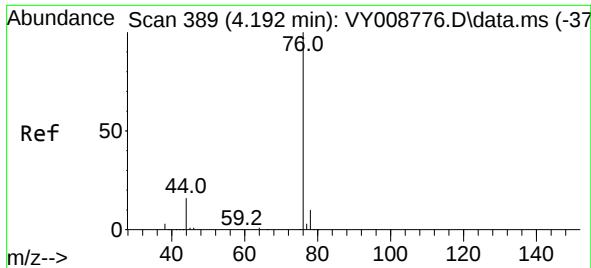
Tgt Ion: 53 Resp: 88854
Ion Ratio Lower Upper
53 100
52 82.4 67.0 100.4
51 37.1 29.8 44.6



#16
Acetone
Concen: 210.737 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 43 Resp: 64091
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0

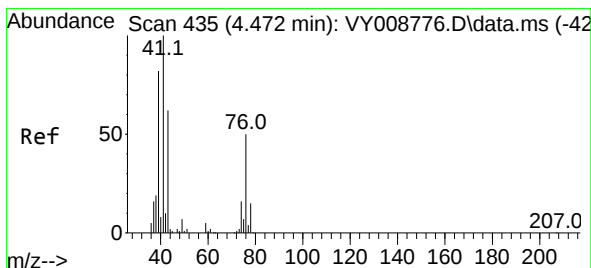
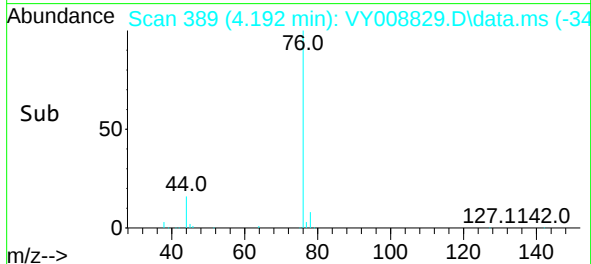
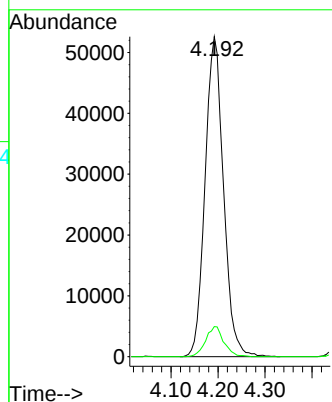
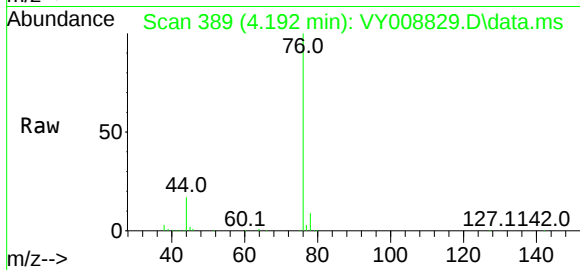




#17
Carbon Disulfide
Concen: 45.172 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

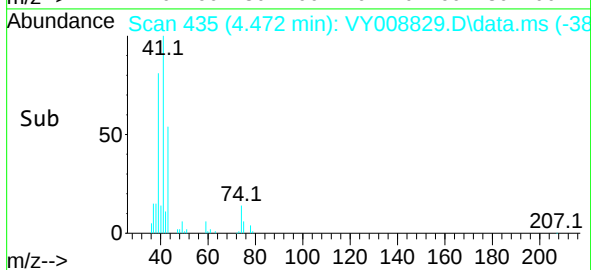
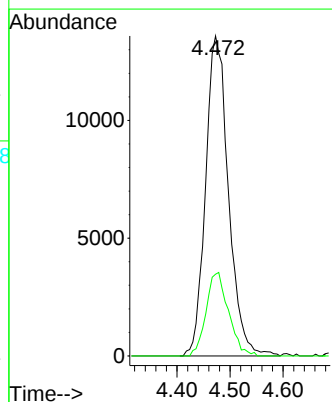
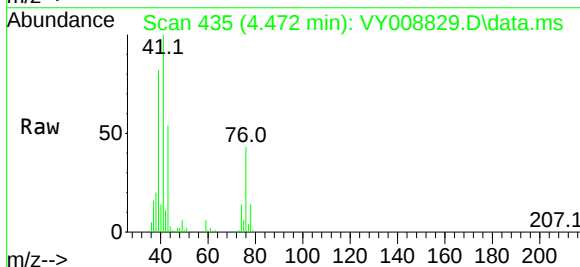
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

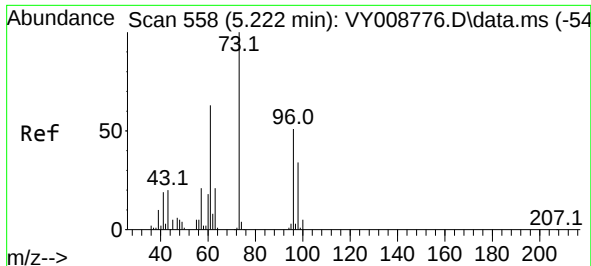
Tgt Ion: 76 Resp: 142967
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 42.188 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 43 Resp: 40742
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 54.151 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

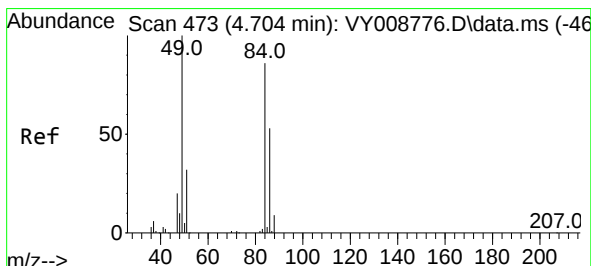
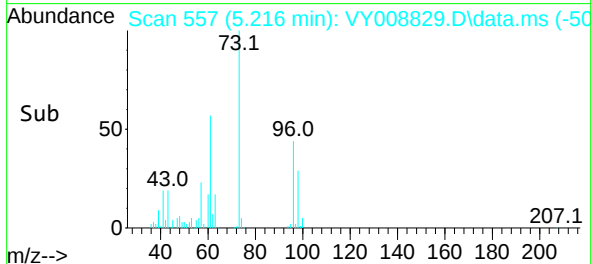
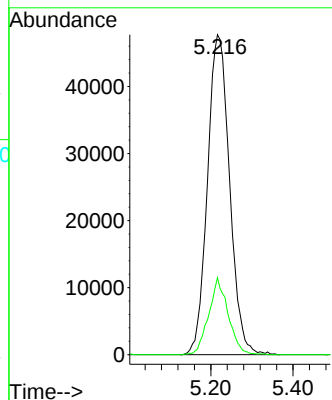
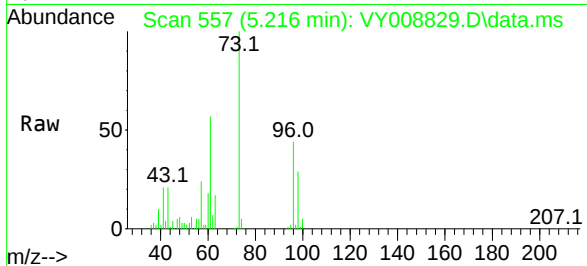
VSTDCCC050EC

Tgt Ion: 73 Resp: 178285

Ion Ratio Lower Upper

73 100

57 24.0 18.6 27.8



#20

Methylene Chloride

Concen: 58.762 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Tgt Ion: 84 Resp: 79363

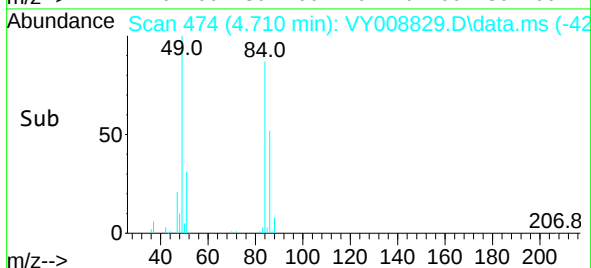
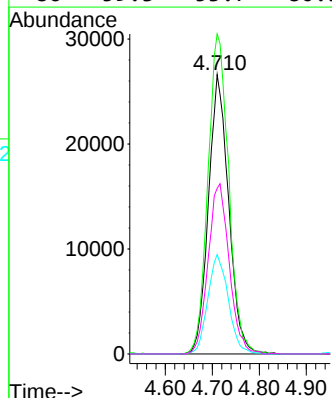
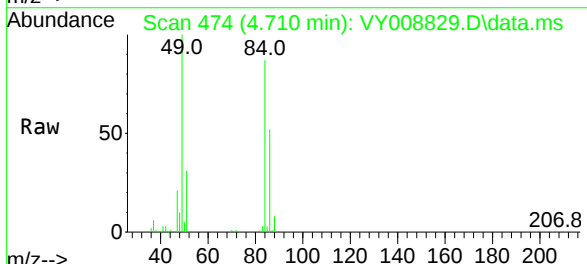
Ion Ratio Lower Upper

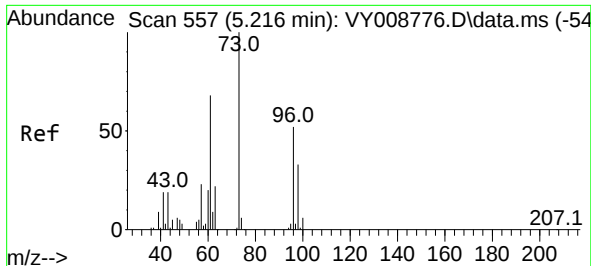
84 100

49 114.6 114.4 171.6

51 35.6 35.3 52.9

86 59.3 53.7 80.5

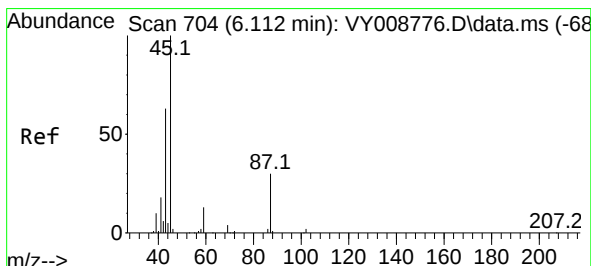
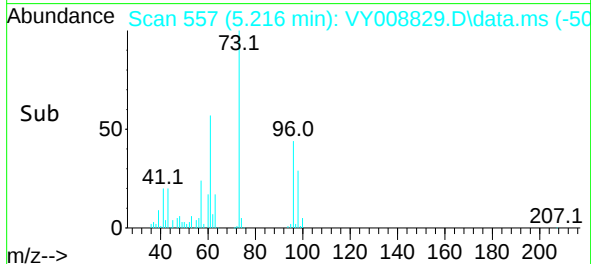
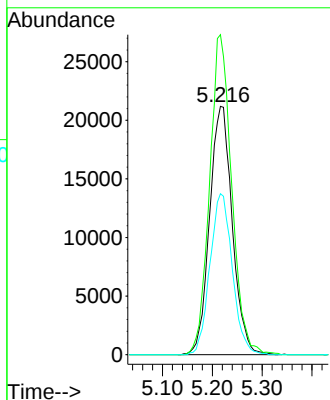
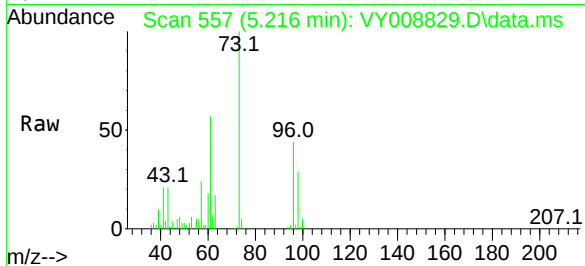




#21
trans-1,2-Dichloroethene
Concen: 44.713 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

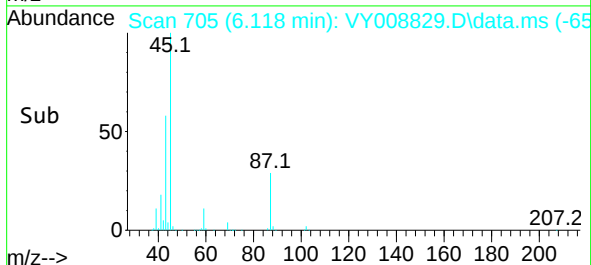
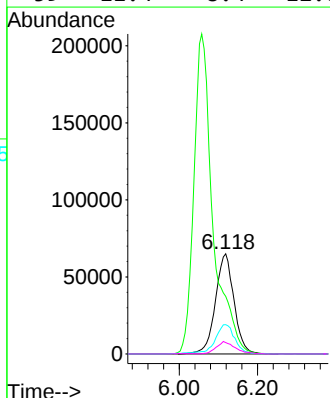
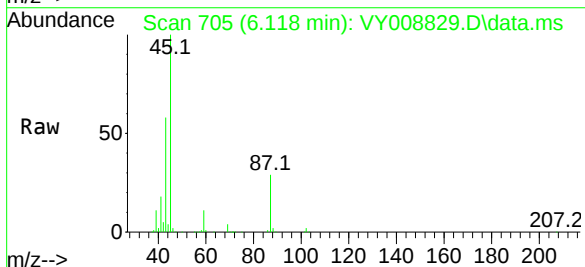
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

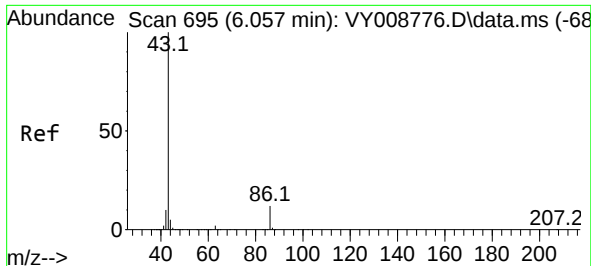
Tgt Ion: 96 Resp: 67021
Ion Ratio Lower Upper
96 100
61 128.9 120.5 180.7
98 64.8 49.8 74.8



#22
Diisopropyl ether
Concen: 56.308 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 45 Resp: 214426
Ion Ratio Lower Upper
45 100
43 57.3 49.3 73.9
87 29.2 19.2 28.8#
59 11.4 8.4 12.6

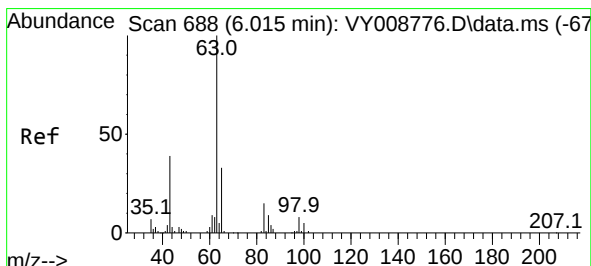
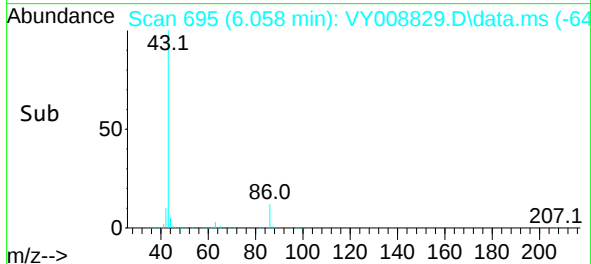
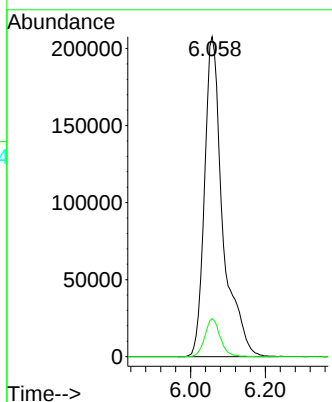
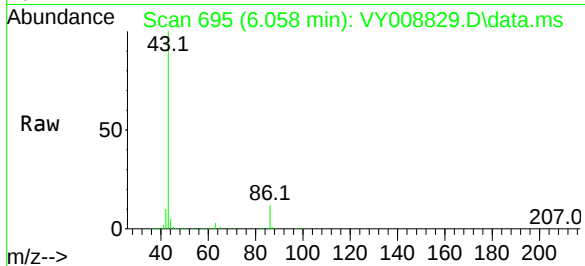




#23
 Vinyl Acetate
 Concen: 261.885 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

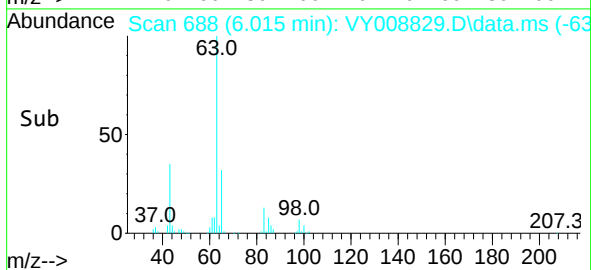
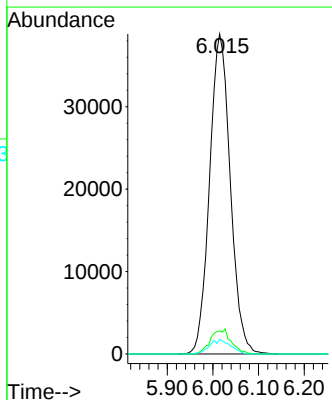
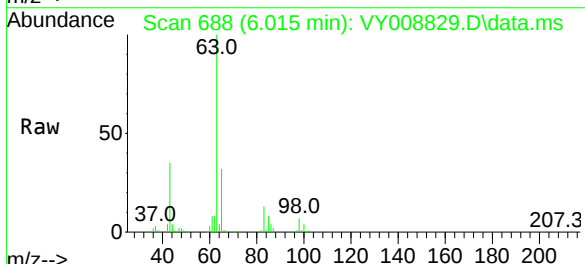
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

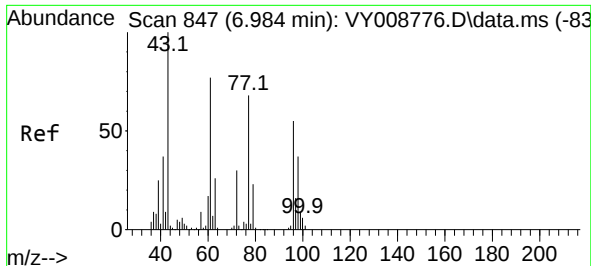
Tgt Ion: 43 Resp: 703160
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.405 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

Tgt Ion: 63 Resp: 122311
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.5 2.0 5.8

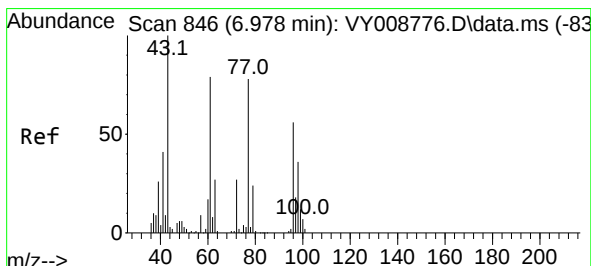
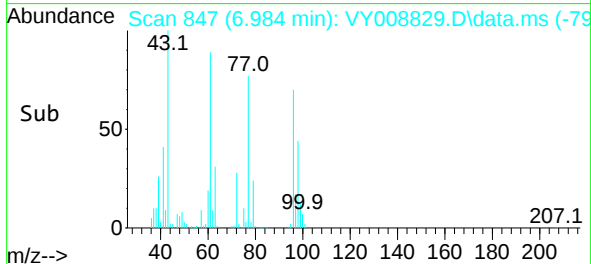
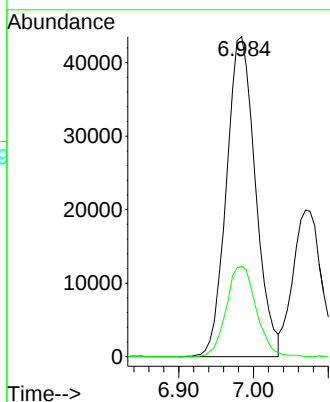
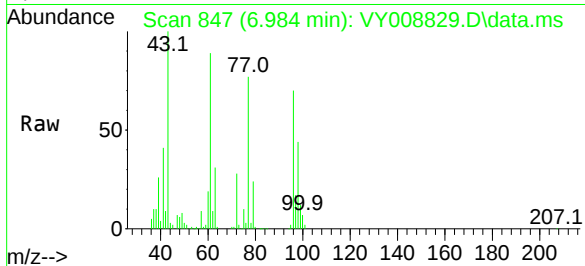




#25
2-Butanone
Concen: 209.165 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

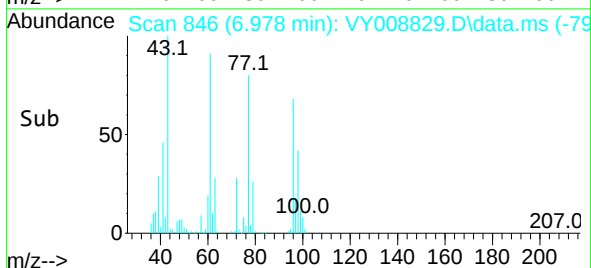
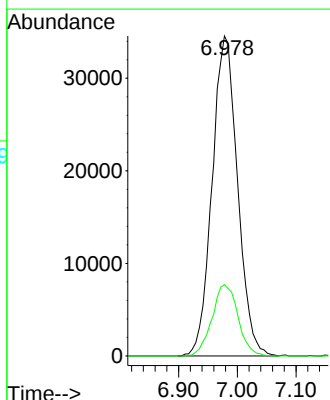
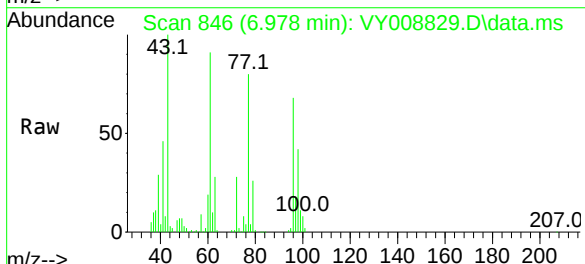
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

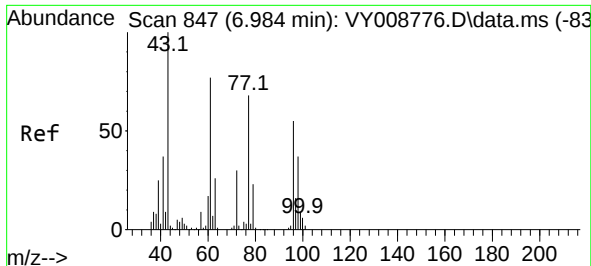
Tgt Ion: 43 Resp: 117318
Ion Ratio Lower Upper
43 100
72 28.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 43.253 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 77 Resp: 103878
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 48.991 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

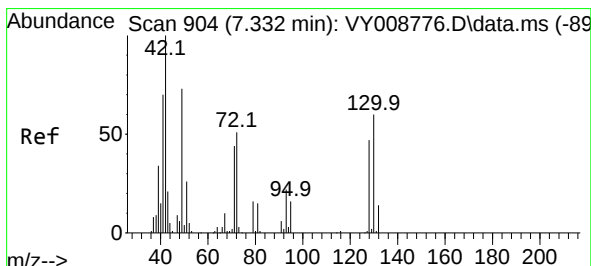
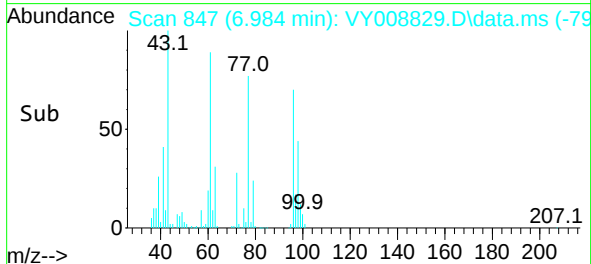
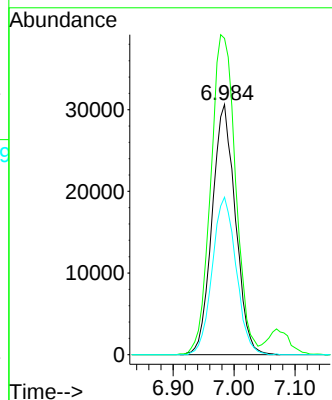
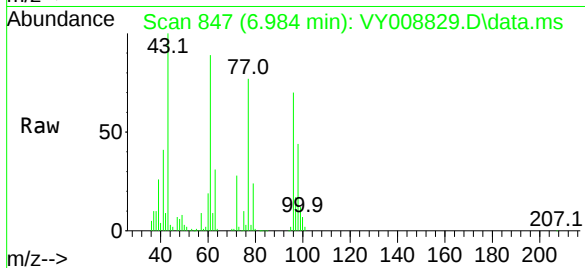
Tgt Ion: 96 Resp: 81447

Ion Ratio Lower Upper

96 100

61 136.5 0.0 319.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 55.501 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

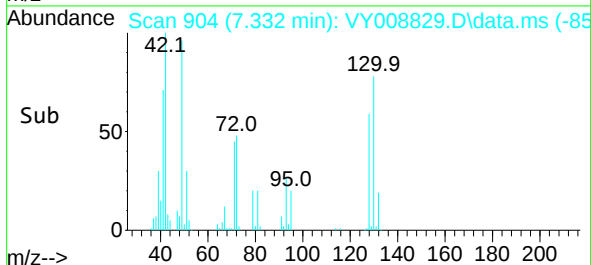
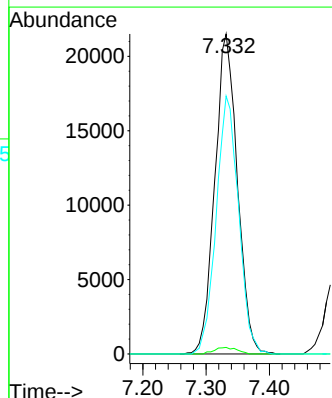
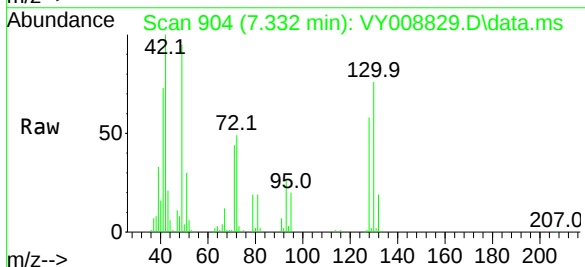
Tgt Ion: 49 Resp: 53169

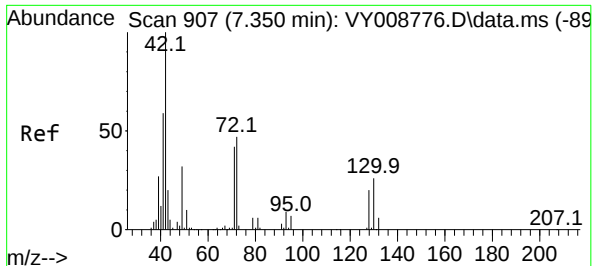
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 79.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 213.128 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

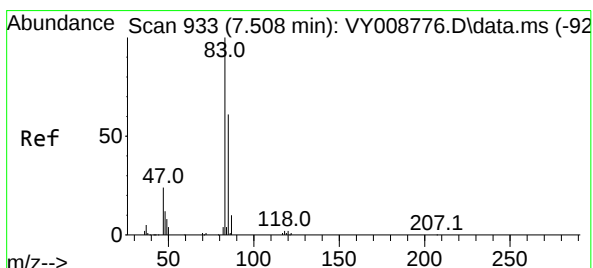
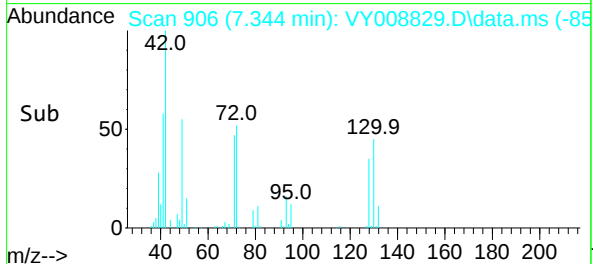
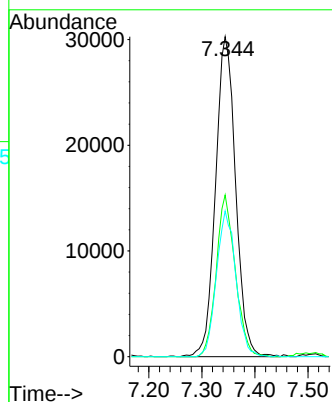
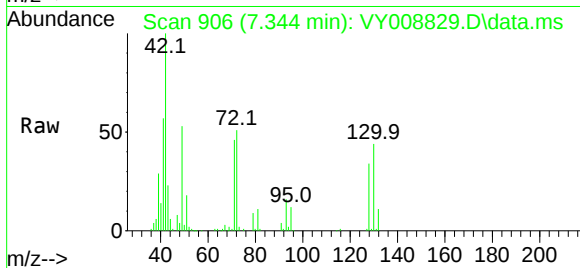
Tgt Ion: 42 Resp: 79633

Ion Ratio Lower Upper

42 100

72 47.9 30.3 45.5#

71 44.2 29.0 43.4#



#30

Chloroform

Concen: 50.205 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008829.D

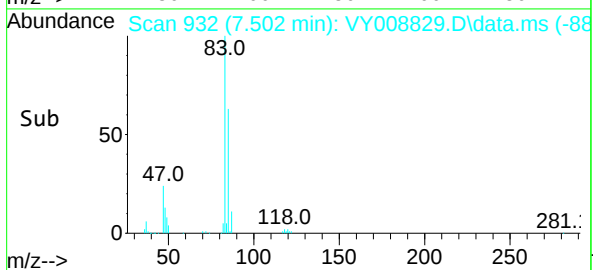
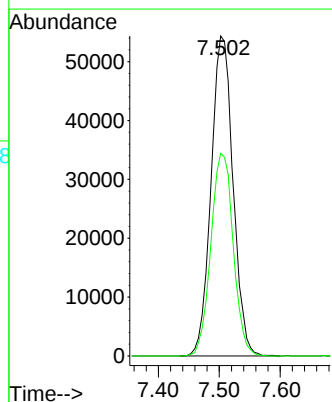
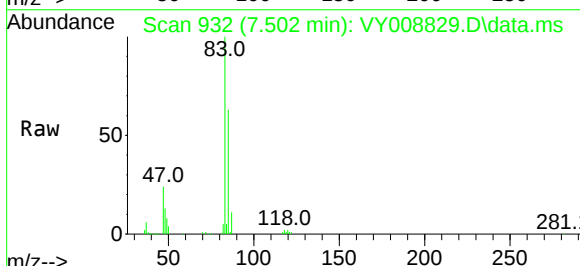
Acq: 18 May 2022 21:08

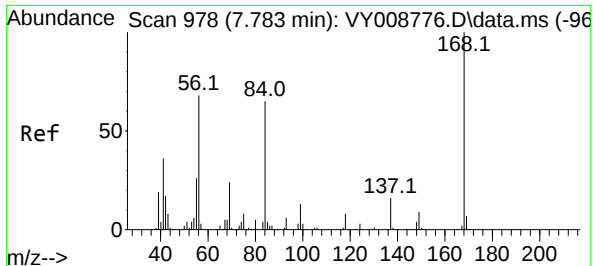
Tgt Ion: 83 Resp: 136012

Ion Ratio Lower Upper

83 100

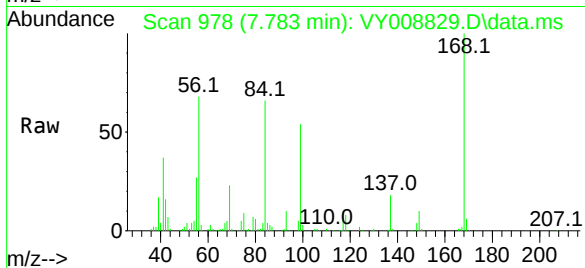
85 63.3 51.8 77.6



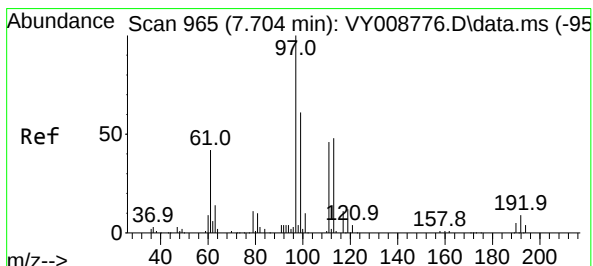
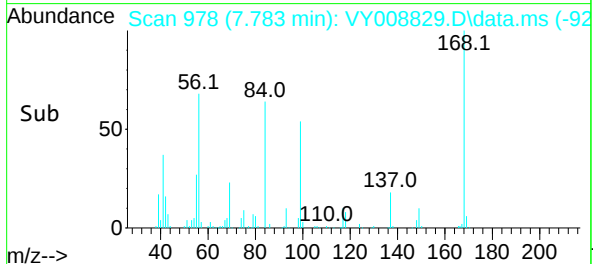
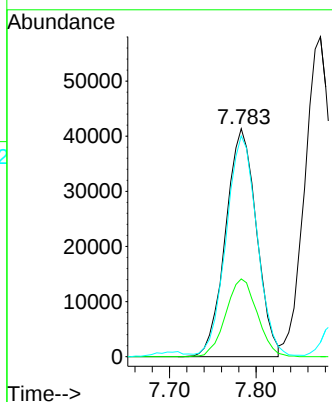


#31
Cyclohexane
Concen: 48.405 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

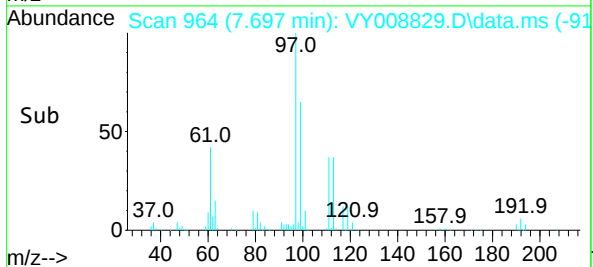
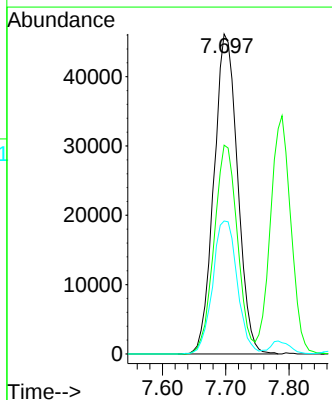
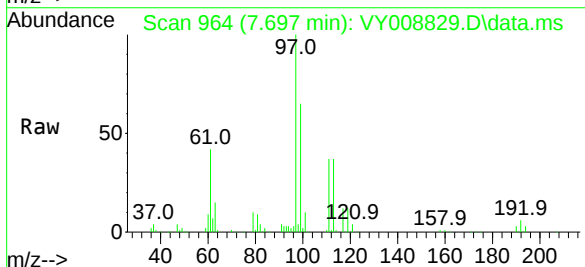


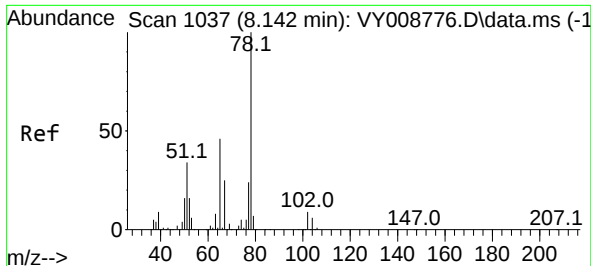
Tgt Ion: 56 Resp: 102399
Ion Ratio Lower Upper
56 100
69 34.1 26.7 40.1
84 94.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 47.752 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 97 Resp: 119944
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 43.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 61.765 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

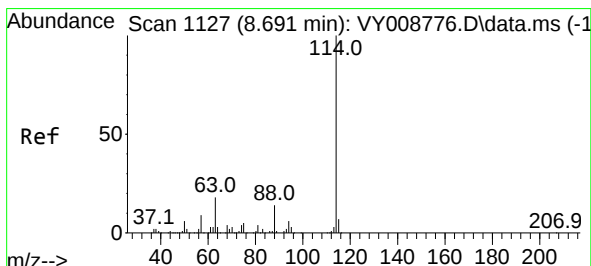
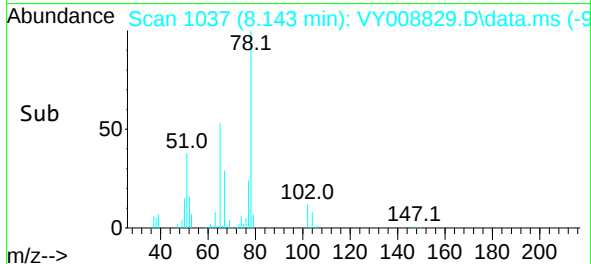
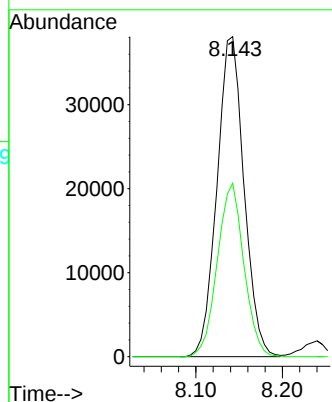
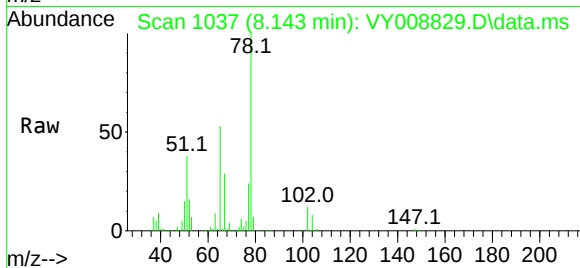
VSTDCCC050EC

Tgt Ion: 65 Resp: 82551

Ion Ratio Lower Upper

65 100

67 53.2 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: VY008829.D

Acq: 18 May 2022 21:08

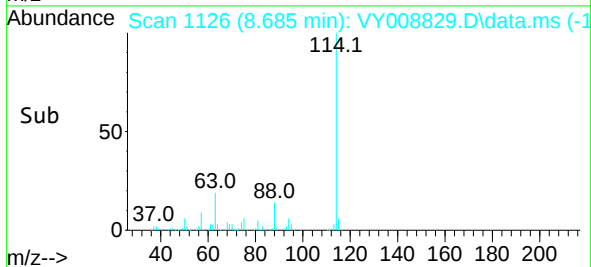
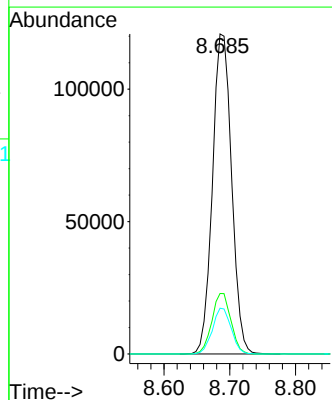
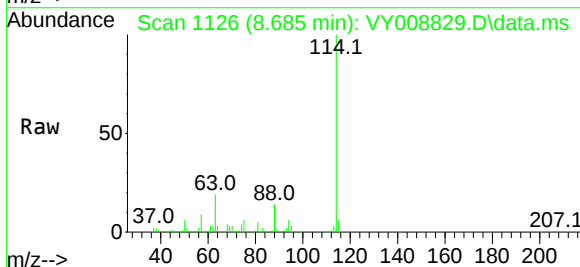
Tgt Ion: 114 Resp: 244474

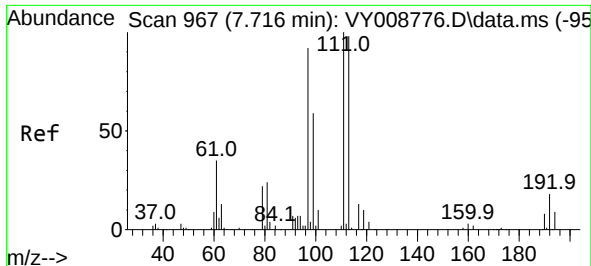
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.3 0.0 31.8

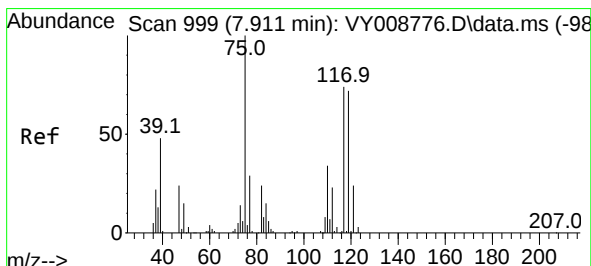
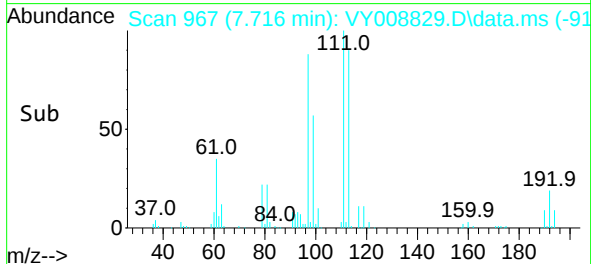
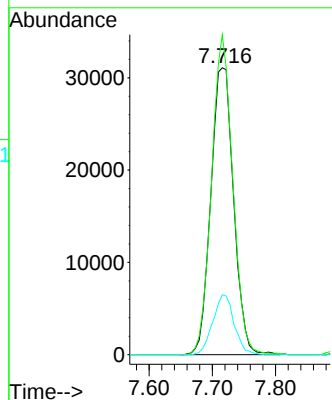
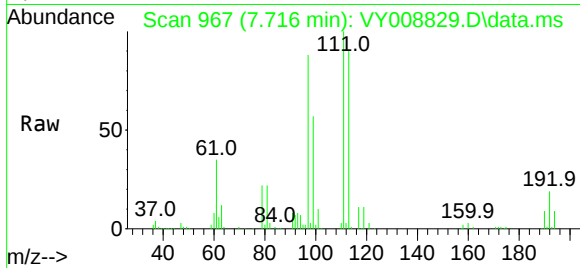




#35
Dibromofluoromethane
Concen: 54.512 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

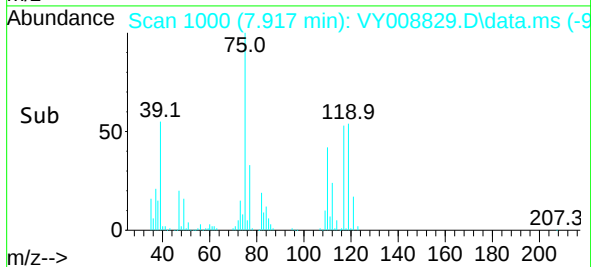
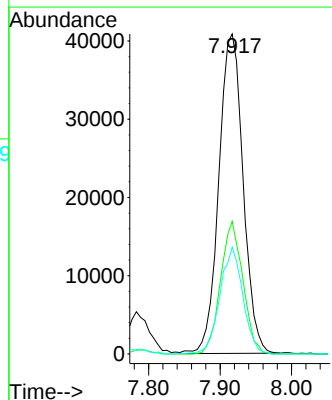
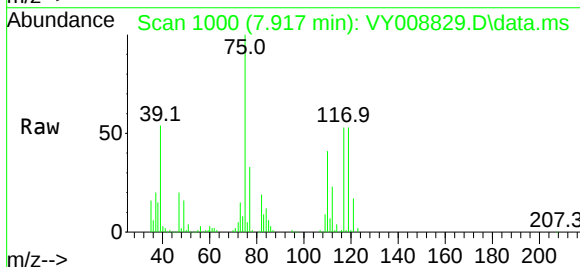
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

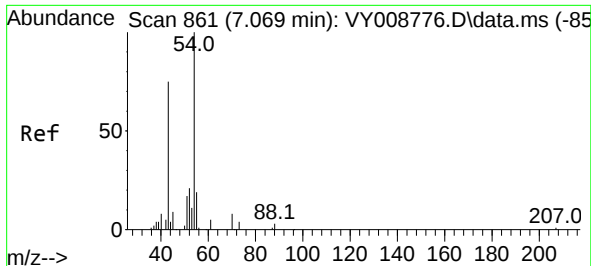
Tgt Ion:113 Resp: 77865
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 42.020 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 75 Resp: 96132
Ion Ratio Lower Upper
75 100
110 38.2 17.1 51.2
77 31.7 24.4 36.6

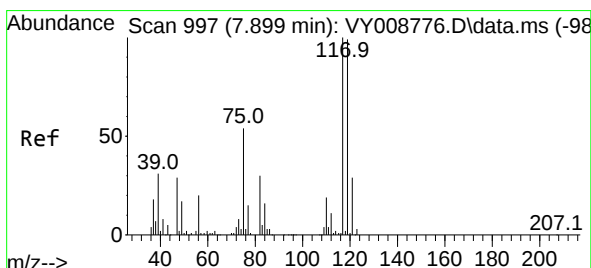
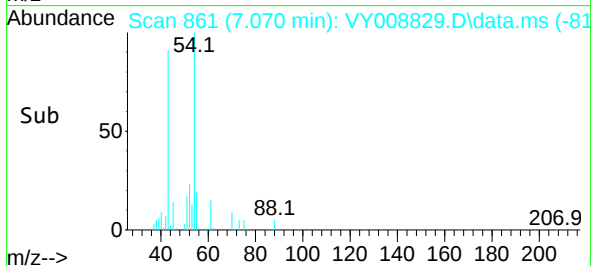
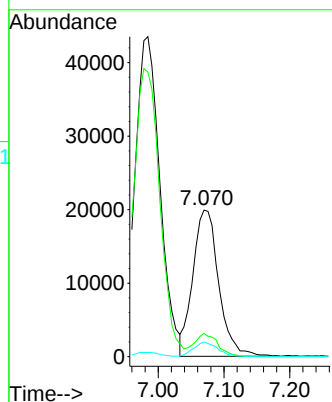
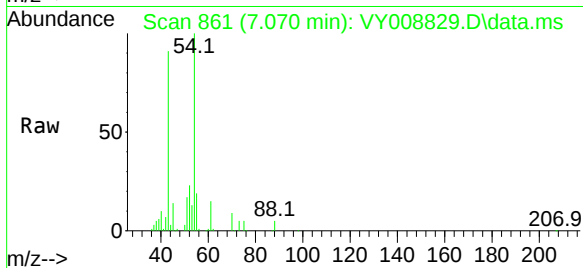




#37
Ethyl Acetate
Concen: 39.775 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

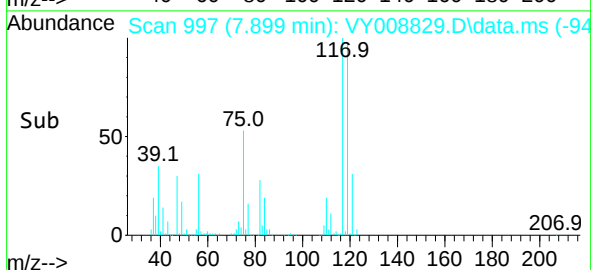
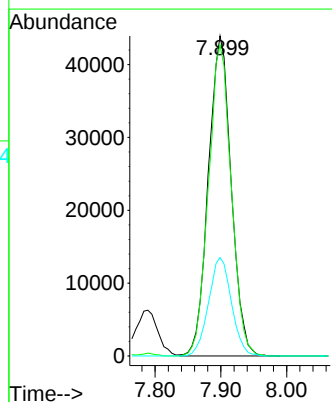
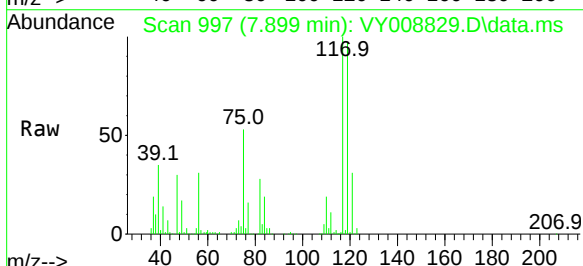
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

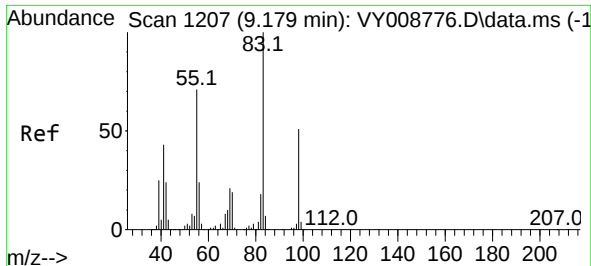
Tgt Ion: 43 Resp: 54226
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 43.285 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 117 Resp: 106126
Ion Ratio Lower Upper
117 100
119 97.2 77.9 116.9
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 45.410 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

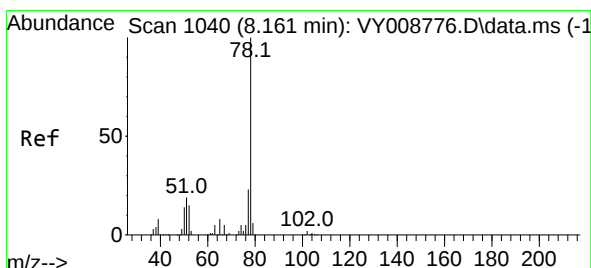
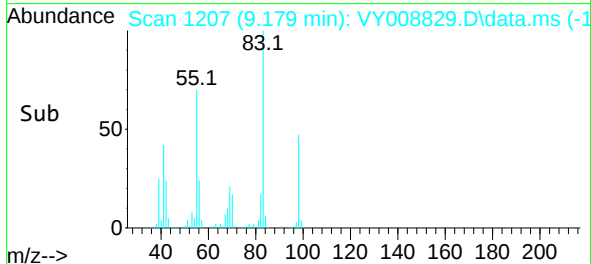
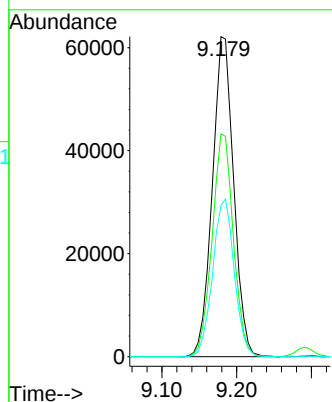
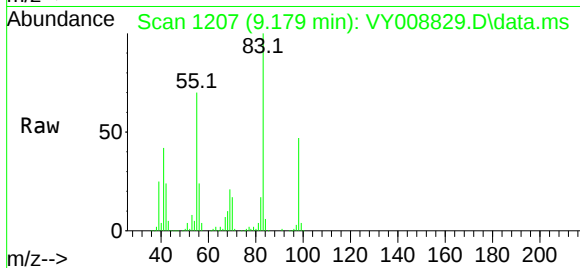
Tgt Ion: 83 Resp: 123202

Ion Ratio Lower Upper

83 100

55 69.7 66.5 99.7

98 47.3 37.9 56.9



#40

Benzene

Concen: 46.580 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008829.D

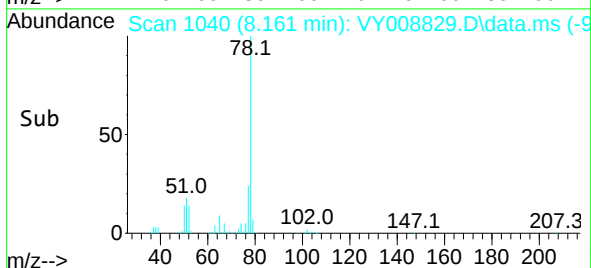
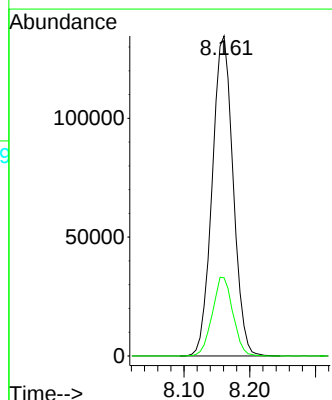
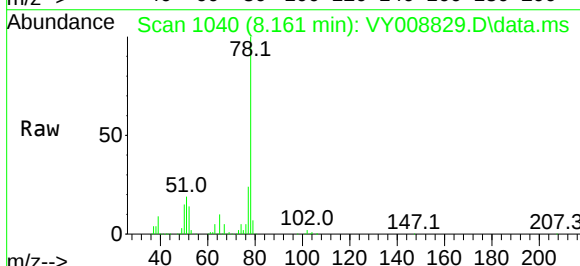
Acq: 18 May 2022 21:08

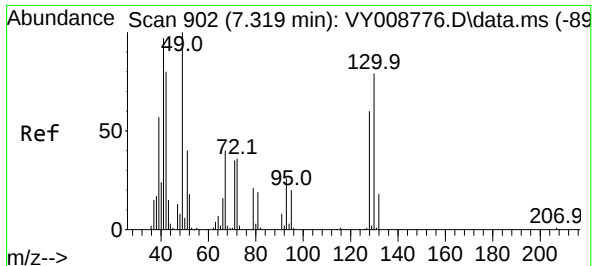
Tgt Ion: 78 Resp: 298180

Ion Ratio Lower Upper

78 100

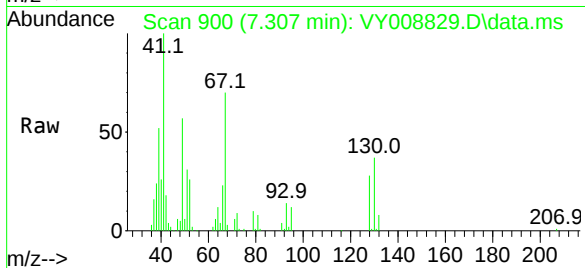
77 24.5 20.4 30.6



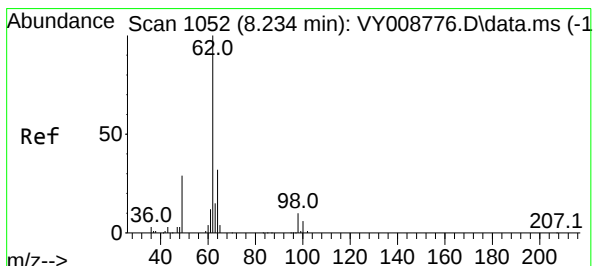
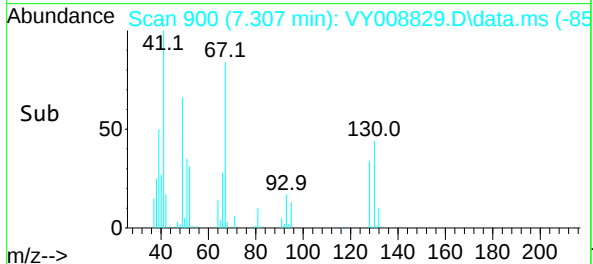
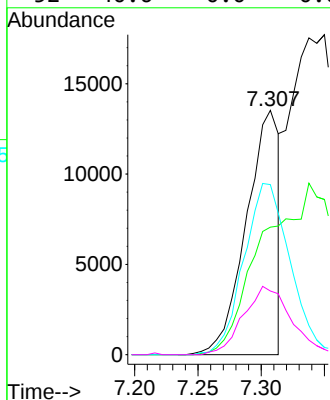


#41
Methacrylonitrile
Concen: 34.329 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

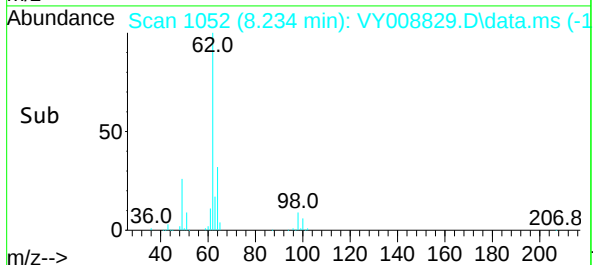
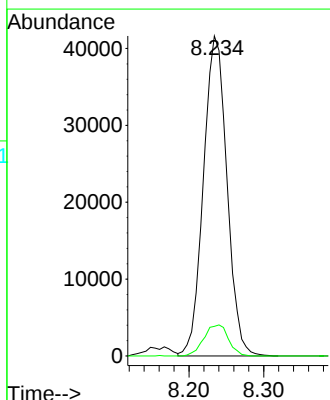
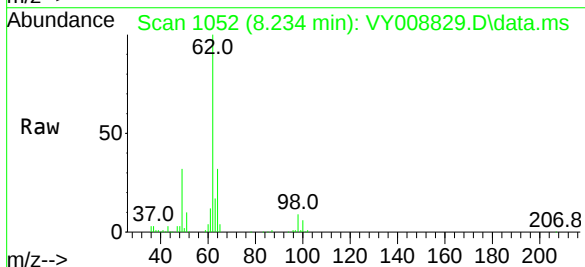


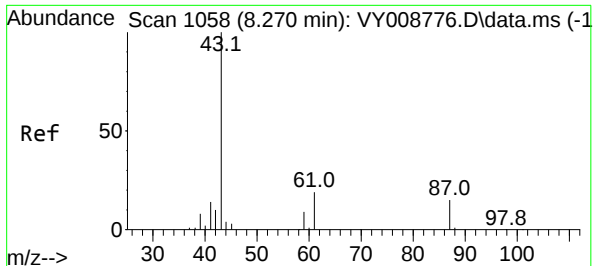
Tgt Ion: 41 Resp: 24613
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 98.5 0.0 0.0#
52 40.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.445 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 62 Resp: 91032
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8

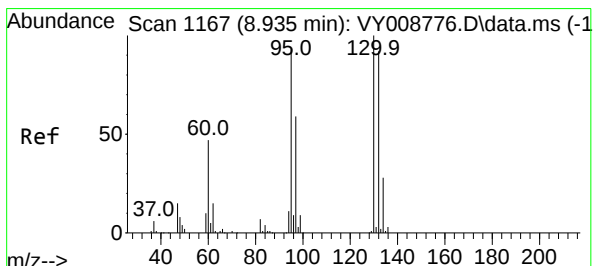
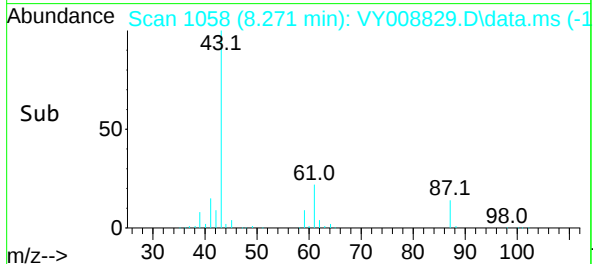
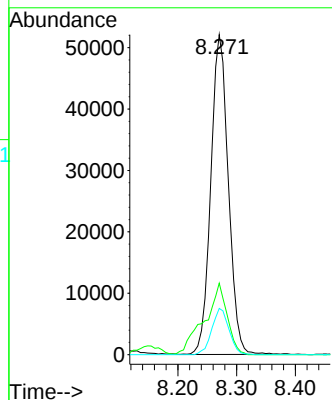
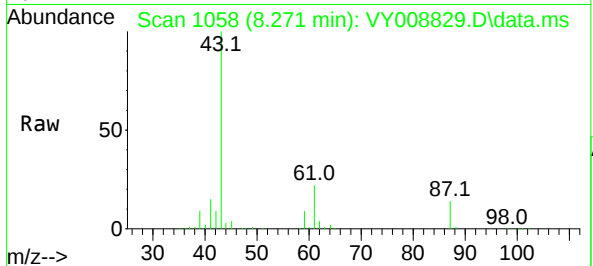




#43
Isopropyl Acetate
Concen: 47.509 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

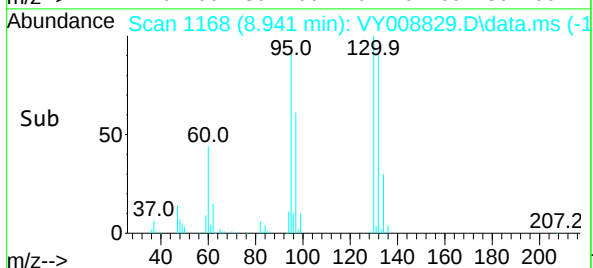
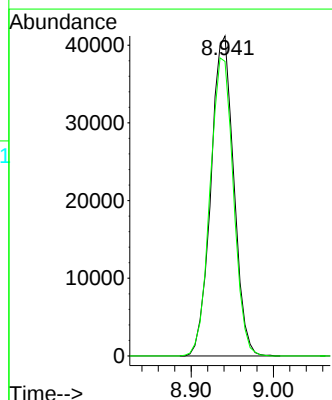
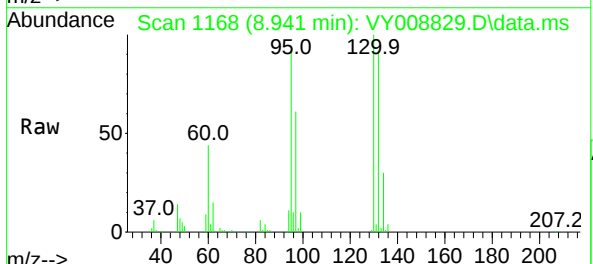
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

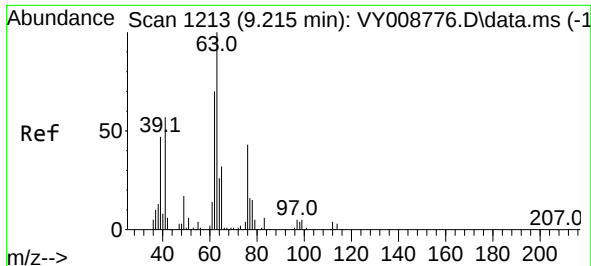
Tgt Ion: 43 Resp: 107824
Ion Ratio Lower Upper
43 100
61 29.2 20.2 30.2
87 14.2 8.9 13.3#



#44
Trichloroethene
Concen: 45.637 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion:130 Resp: 79469
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.088 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

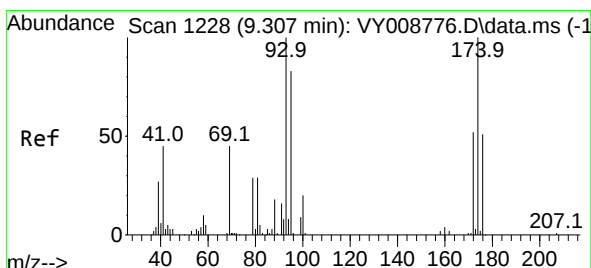
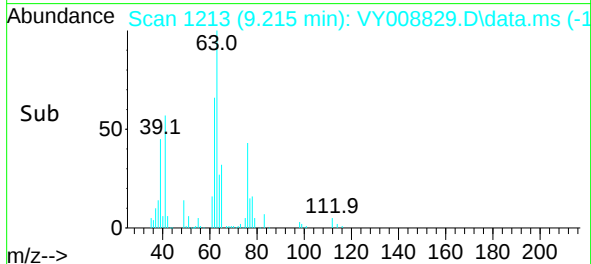
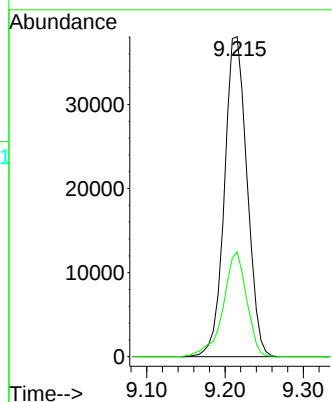
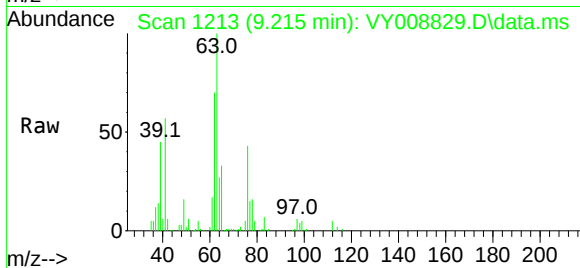
VSTDCCC050EC

Tgt Ion: 63 Resp: 76201

Ion Ratio Lower Upper

63 100

65 32.7 23.0 34.6



#46

Dibromomethane

Concen: 46.656 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

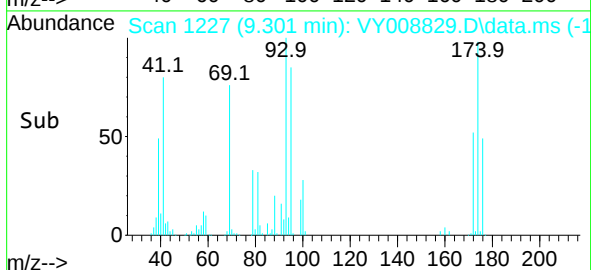
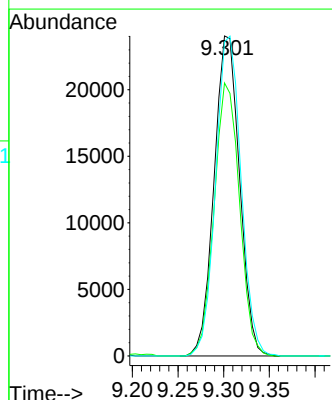
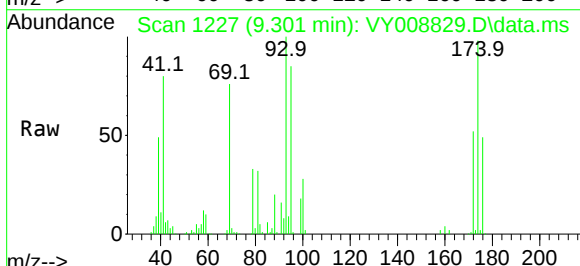
Tgt Ion: 93 Resp: 46642

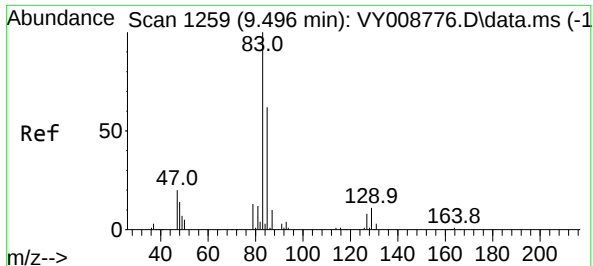
Ion Ratio Lower Upper

93 100

95 84.9 64.3 96.5

174 99.7 83.4 125.0

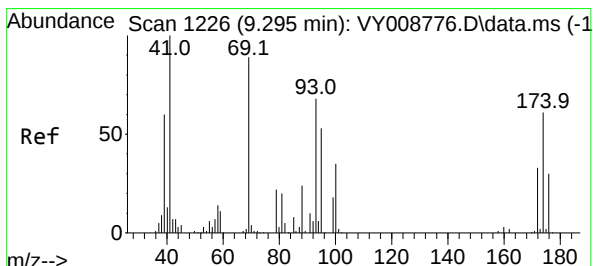
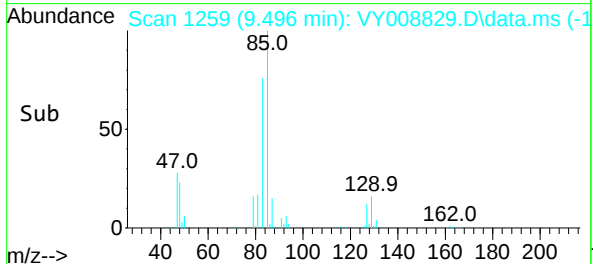
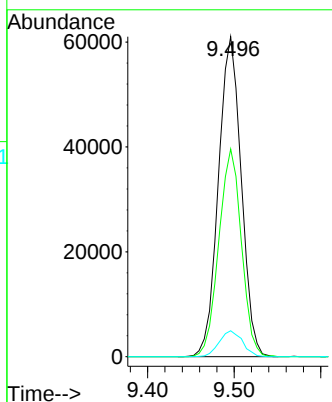
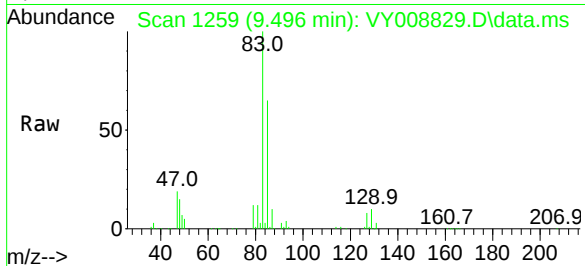




#47
Bromodichloromethane
Concen: 50.357 ug/l
RT: 9.496 min Scan# 111602
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

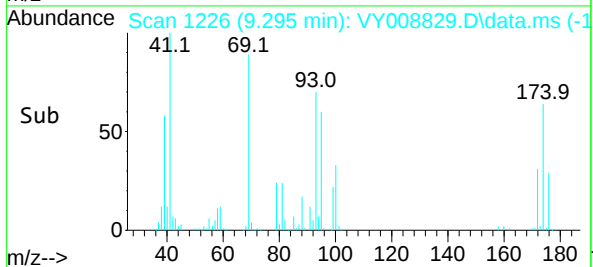
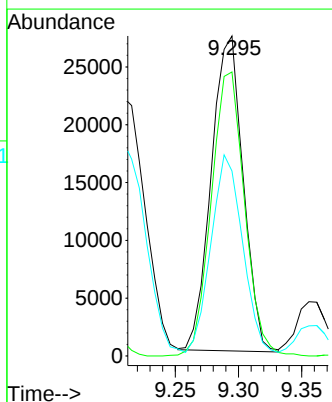
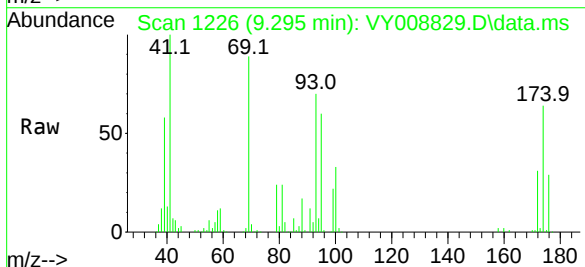
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

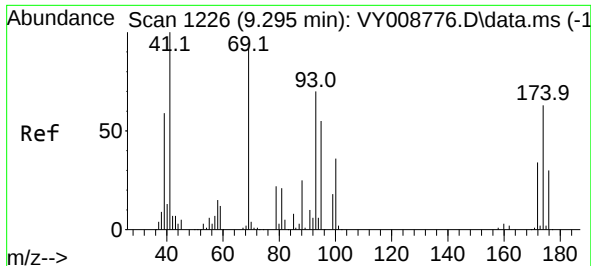
Tgt Ion: 83 Resp: 111602
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 47.837 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 41 Resp: 47671
Ion Ratio Lower Upper
41 100
69 94.2 58.2 87.2#
39 62.3 47.4 71.0





#49

1,4-Dioxane

Concen: 818.410 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

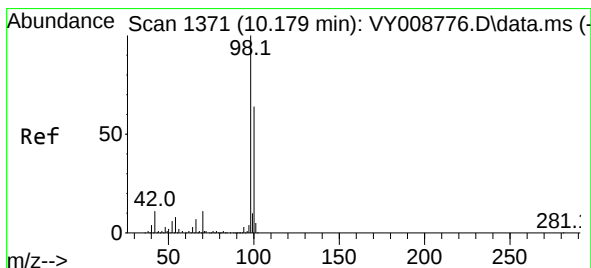
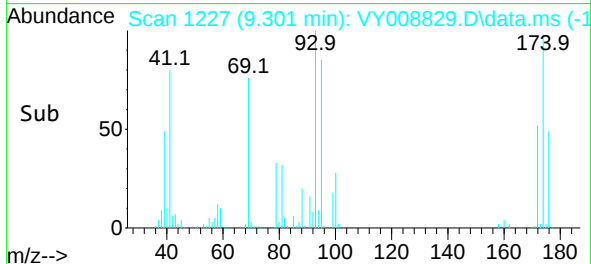
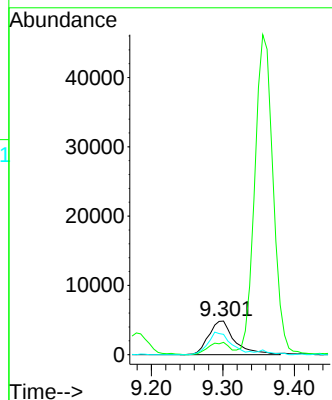
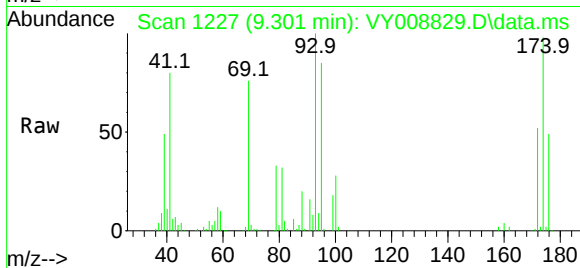
Tgt Ion: 88 Resp: 12289

Ion Ratio Lower Upper

88 100

43 31.2 32.8 49.2#

58 59.8 59.8 89.6#



#50

Toluene-d8

Concen: 52.471 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008829.D

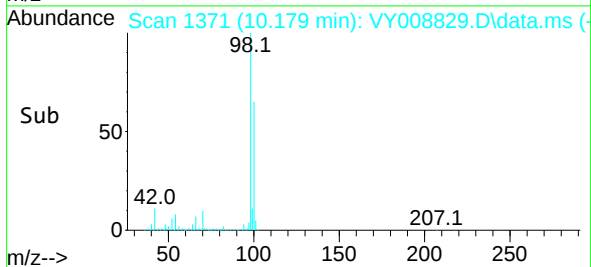
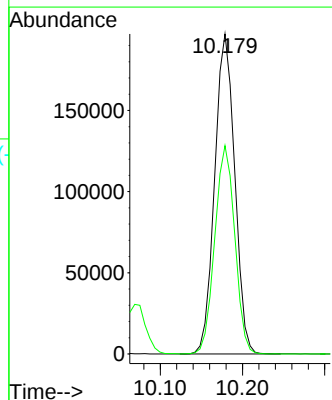
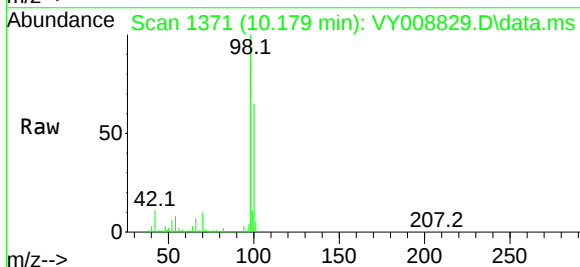
Acq: 18 May 2022 21:08

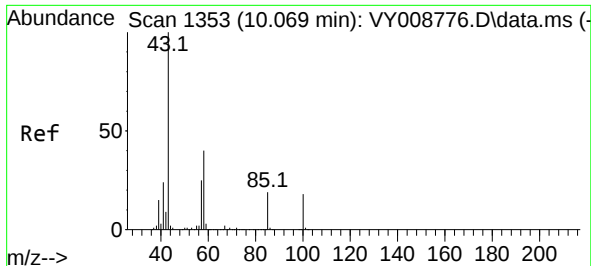
Tgt Ion: 98 Resp: 334212

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

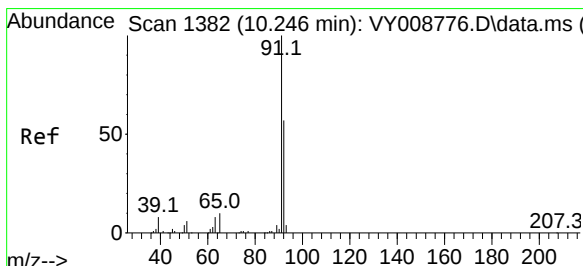
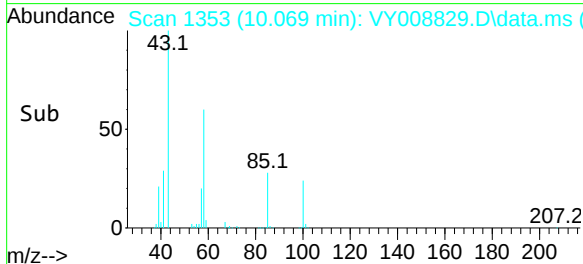
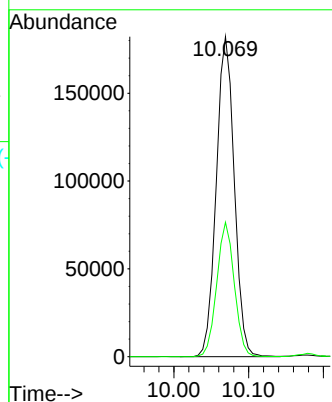
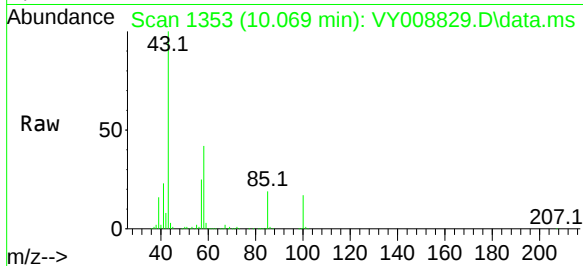




#51
4-Methyl-2-Pentanone
Concen: 227.699 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

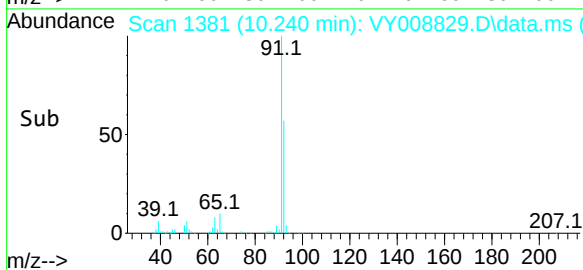
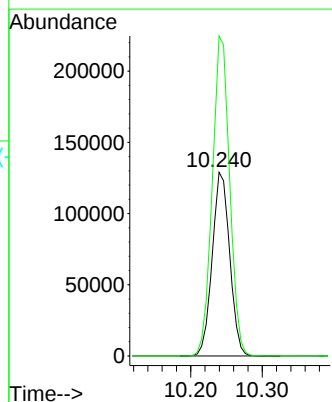
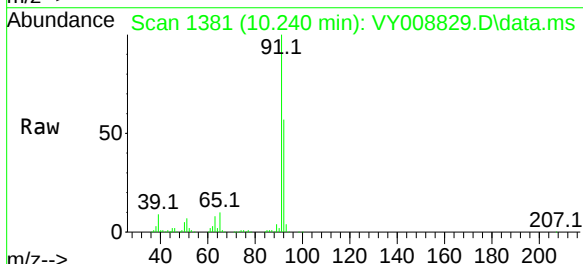
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

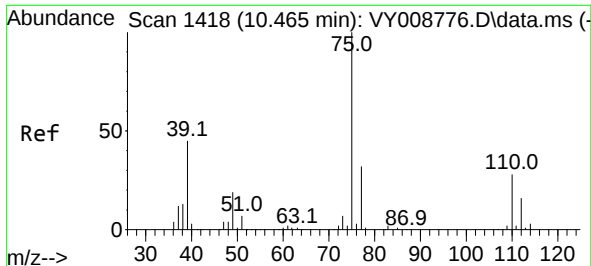
Tgt Ion: 43 Resp: 305075
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 50.261 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 92 Resp: 218630
Ion Ratio Lower Upper
92 100
91 173.4 142.6 213.8

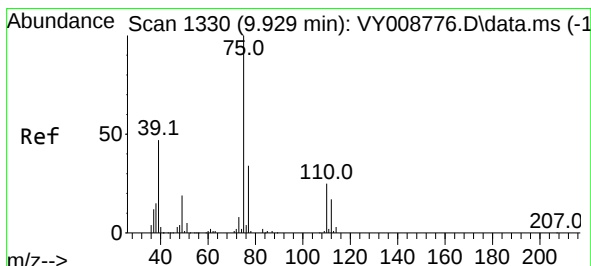
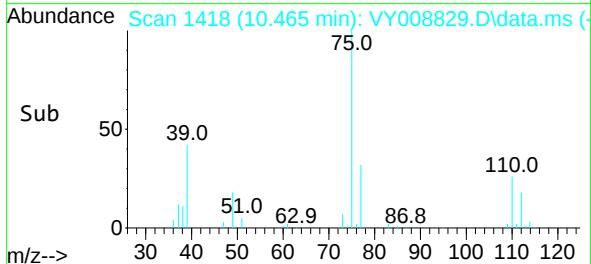
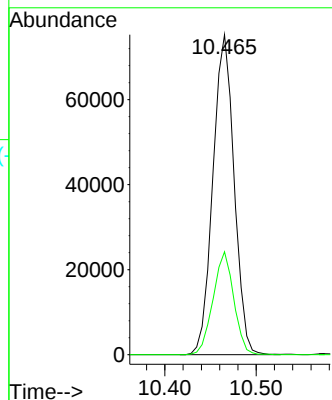
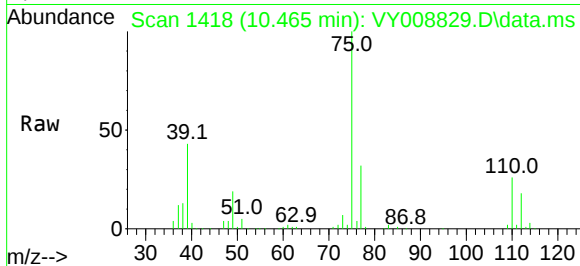




#53
 t-1,3-Dichloropropene
 Concen: 52.693 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

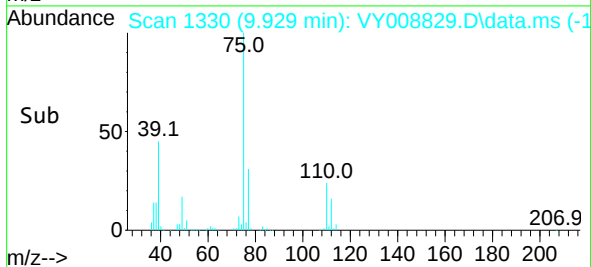
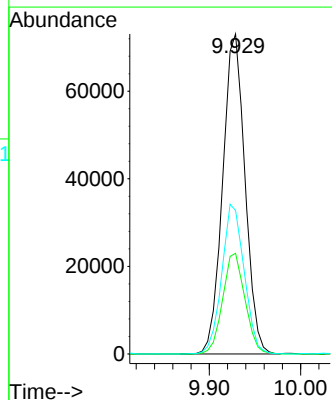
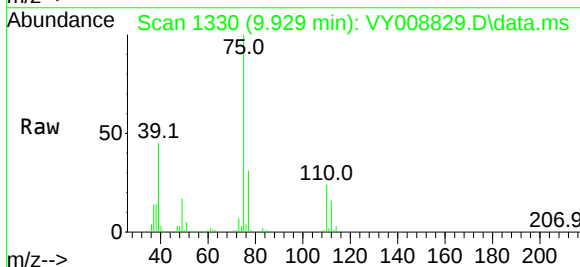
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

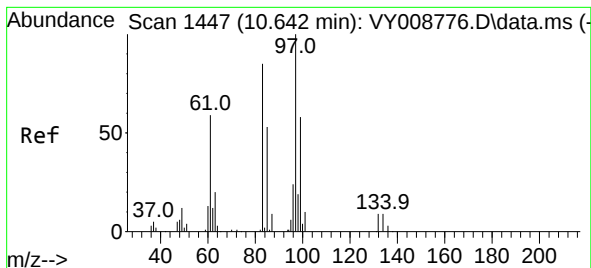
Tgt Ion: 75 Resp: 121296
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.003 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

Tgt Ion: 75 Resp: 124124
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4
 39 44.8 47.6 71.4#

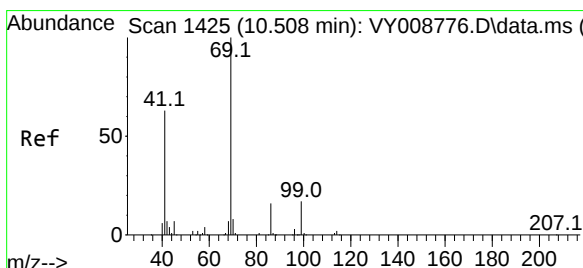
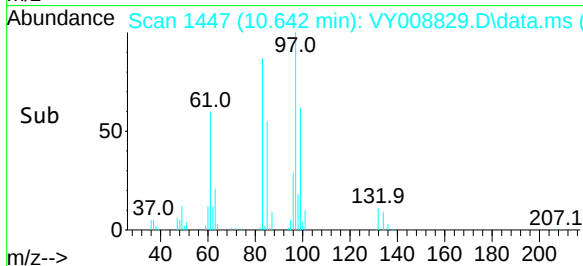
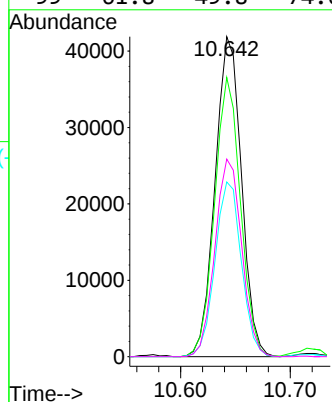
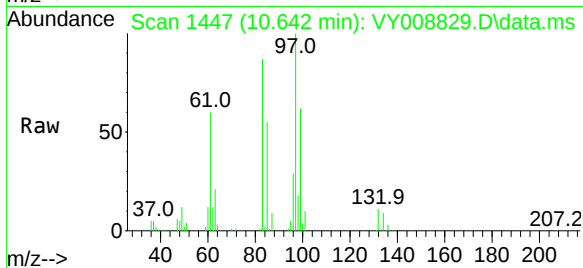




#55
1,1,2-Trichloroethane
Concen: 51.565 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

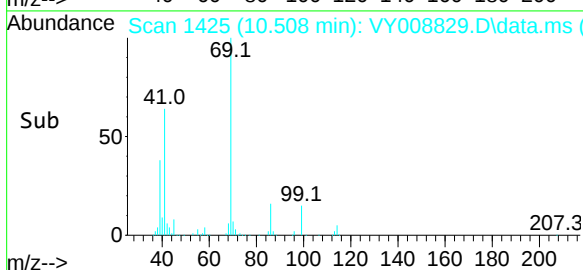
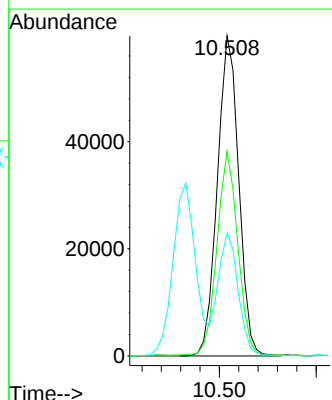
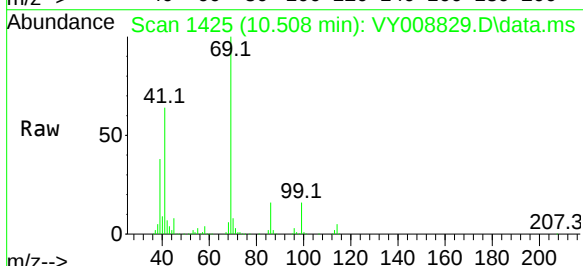
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

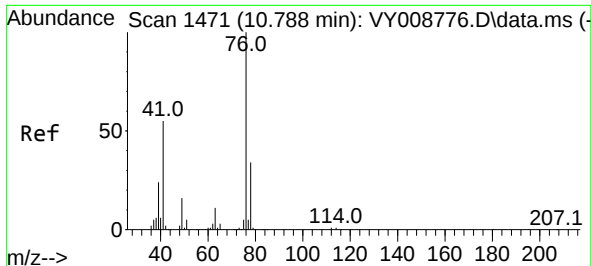
Tgt Ion: 97	Resp: 70099
Ion Ratio	Lower Upper
97 100	
83 87.3	69.8 104.8
85 54.6	44.3 66.5
99 61.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 55.541 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 69	Resp: 91605
Ion Ratio	Lower Upper
69 100	
41 62.2	63.4 95.0#
39 35.9	35.8 53.8





#57

1,3-Dichloropropane

Concen: 51.222 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

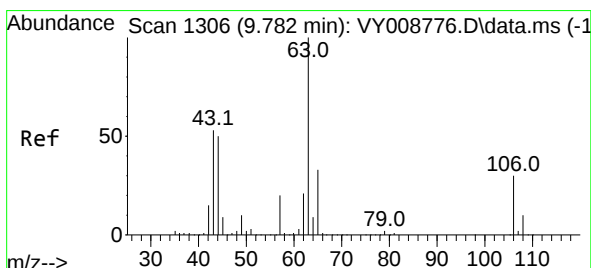
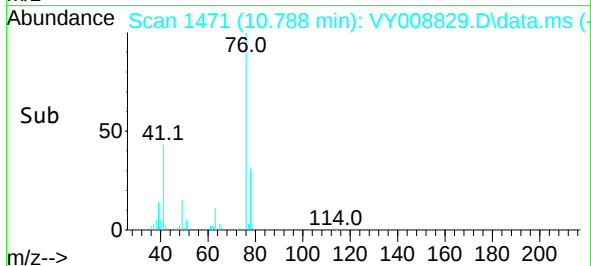
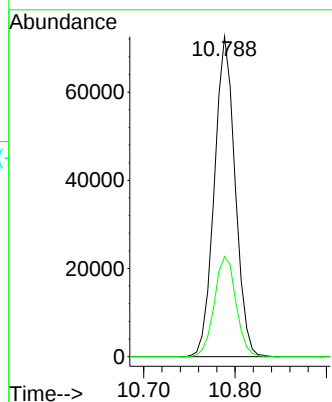
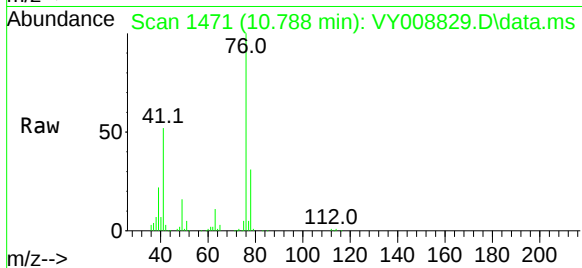
VSTDCCC050EC

Tgt Ion: 76 Resp: 114496

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 288.300 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008829.D

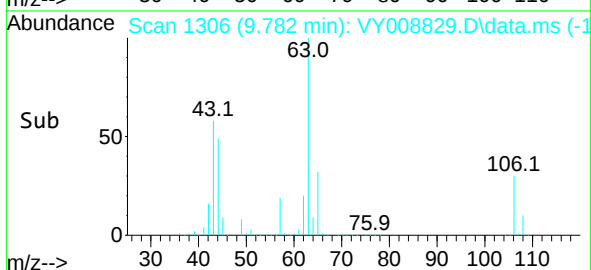
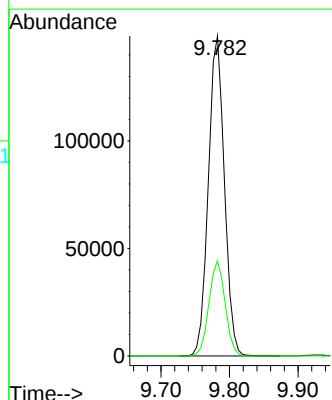
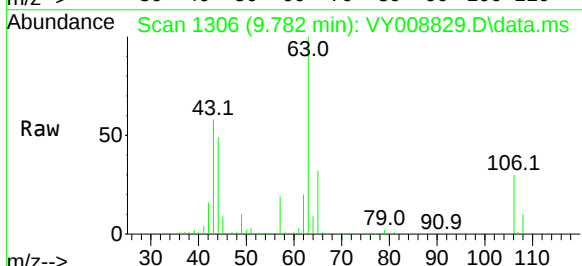
Acq: 18 May 2022 21:08

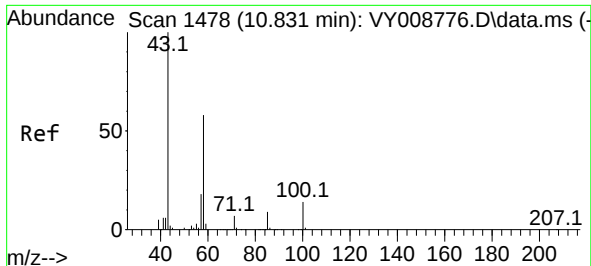
Tgt Ion: 63 Resp: 242474

Ion Ratio Lower Upper

63 100

106 29.9 21.5 32.3

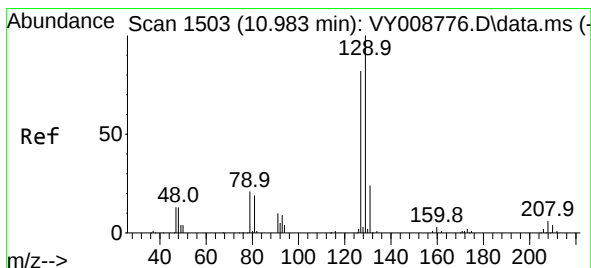
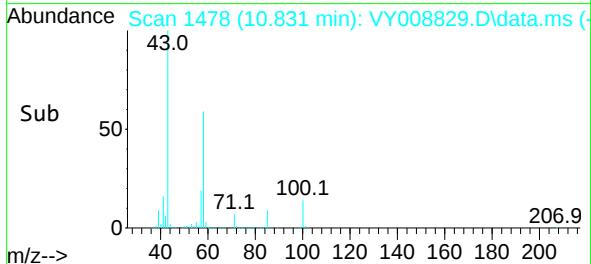
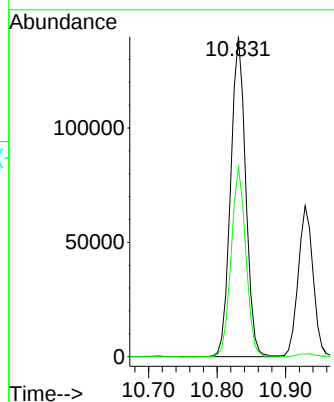
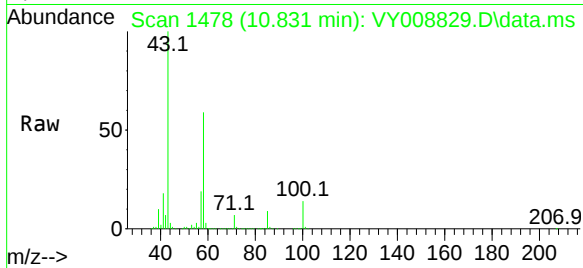




#59
2-Hexanone
Concen: 222.840 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

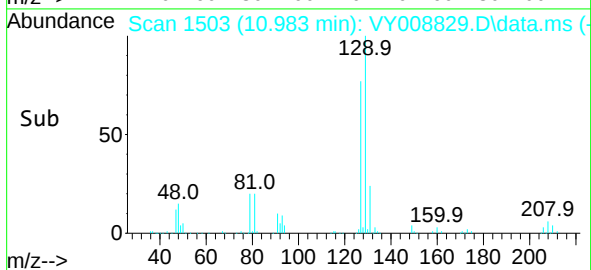
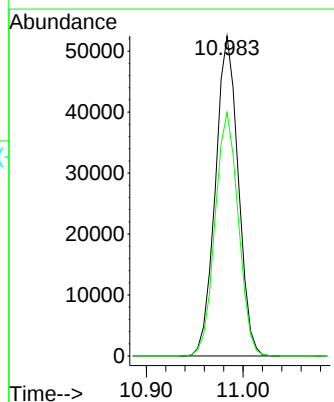
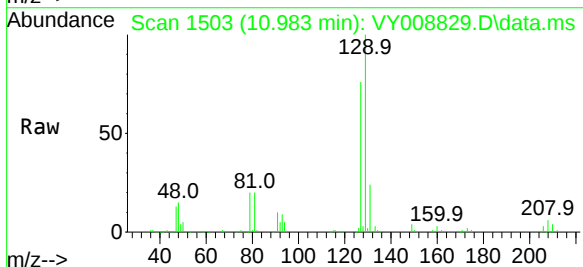
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

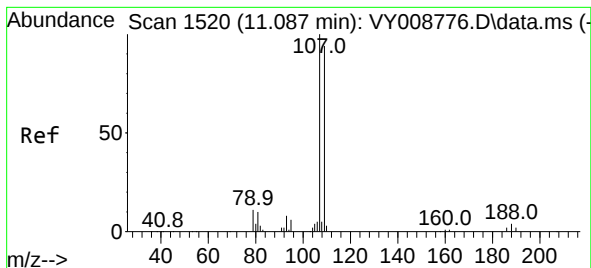
Tgt Ion: 43 Resp: 213326
Ion Ratio Lower Upper
43 100
58 57.9 24.4 73.4



#60
Dibromochloromethane
Concen: 52.688 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 129 Resp: 85984
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

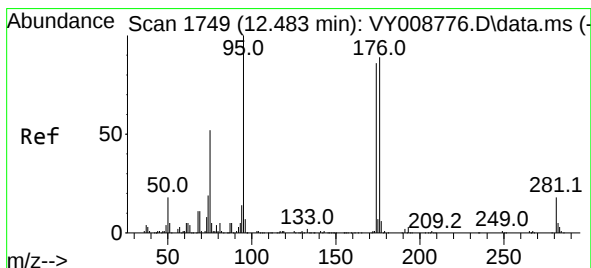
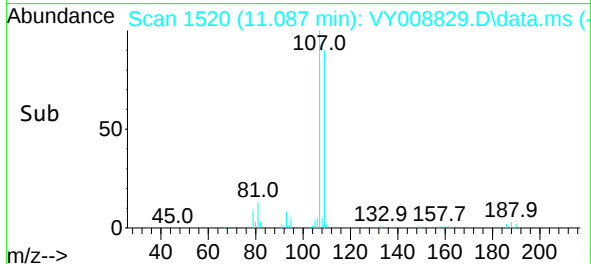
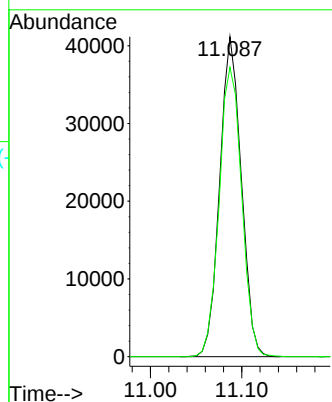
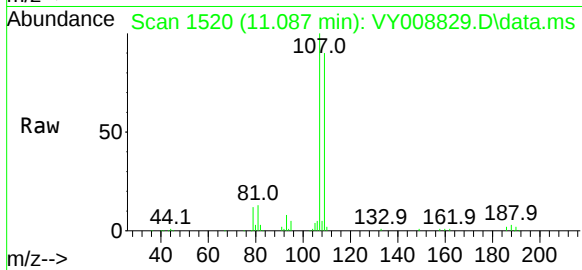




#61
1,2-Dibromoethane
Concen: 49.880 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

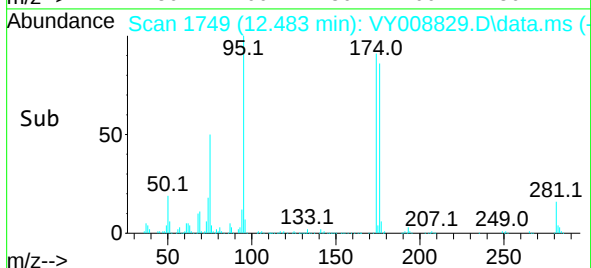
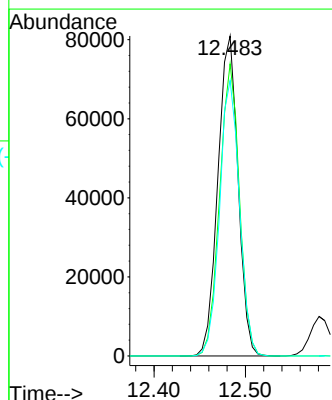
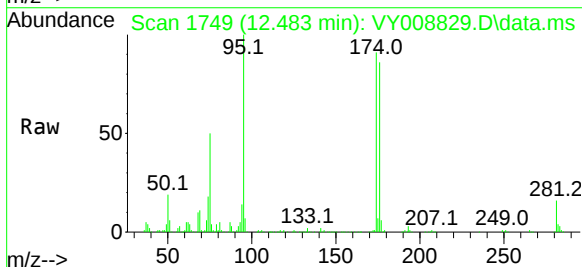
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

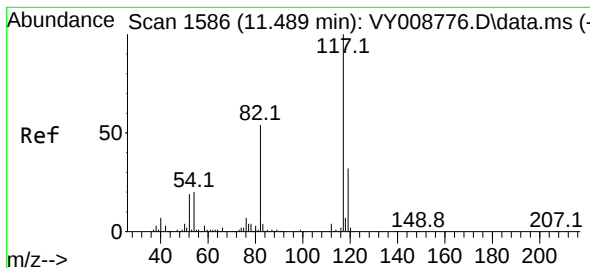
Tgt Ion:107 Resp: 67621
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.445 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 95 Resp: 124118
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 84.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

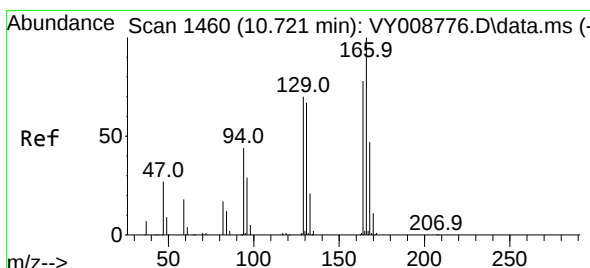
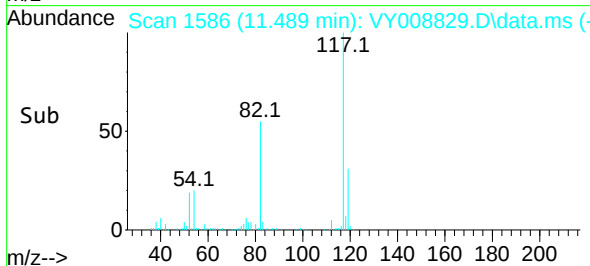
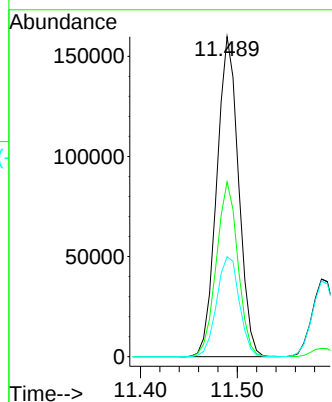
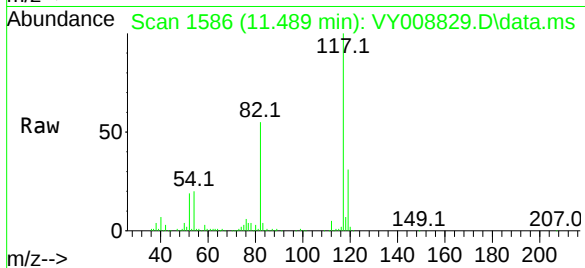
Tgt Ion:117 Resp: 250193

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

119 31.3 25.4 38.0



#64

Tetrachloroethene

Concen: 42.698 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Tgt Ion:164 Resp: 68382

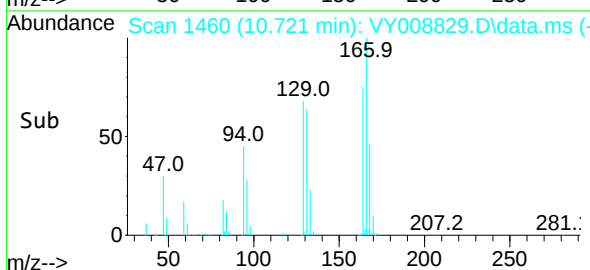
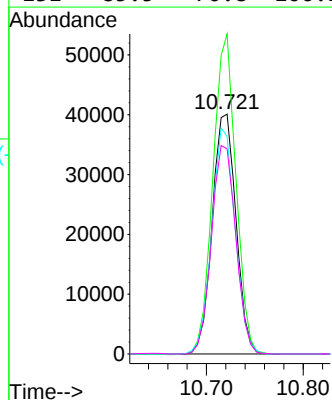
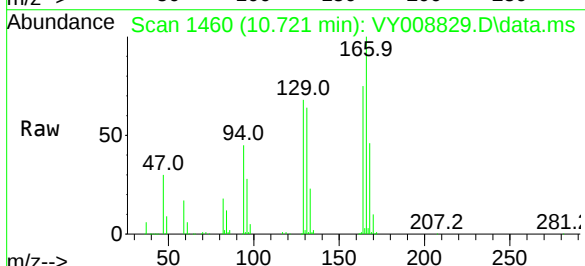
Ion Ratio Lower Upper

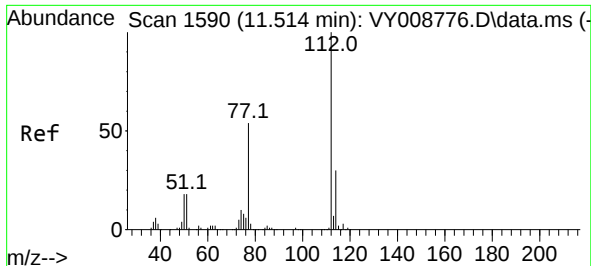
164 100

166 133.4 100.4 150.6

129 90.6 71.4 107.0

131 85.5 70.8 106.2

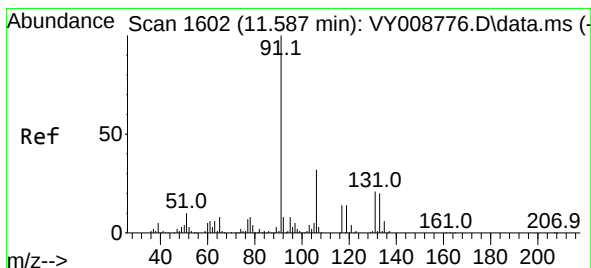
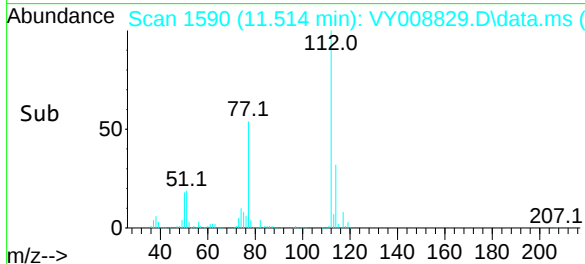
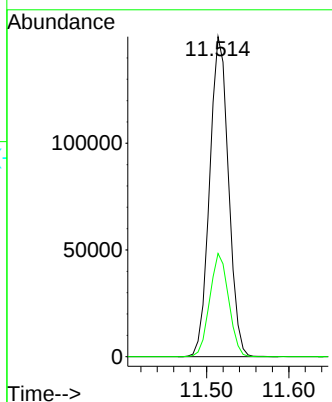
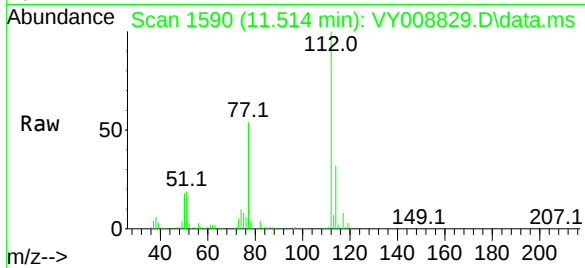




#65
Chlorobenzene
Concen: 47.196 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

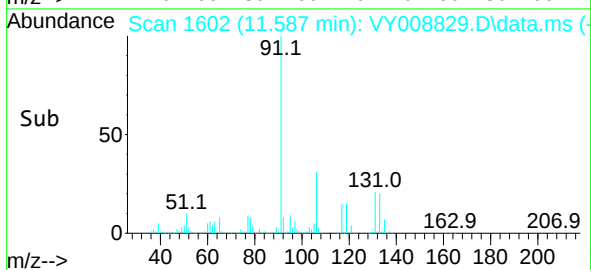
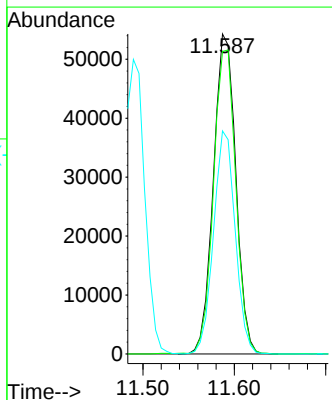
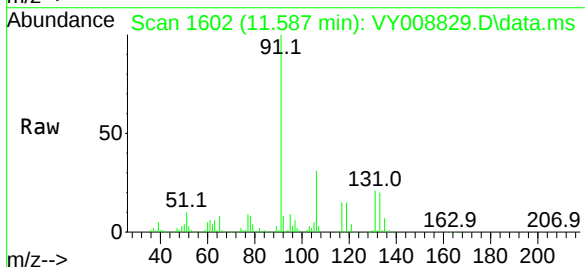
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

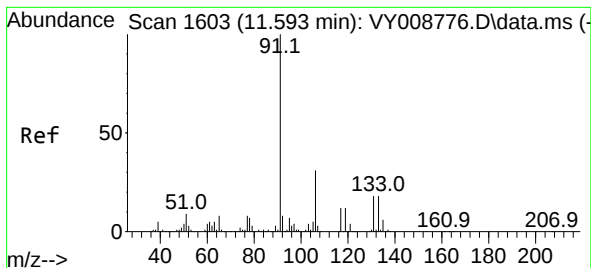
Tgt Ion:112 Resp: 238982
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.928 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion:131 Resp: 92363
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 67.5 30.8 92.3





#67

Ethyl Benzene

Concen: 47.891 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

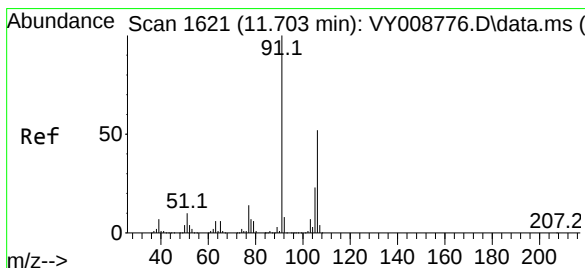
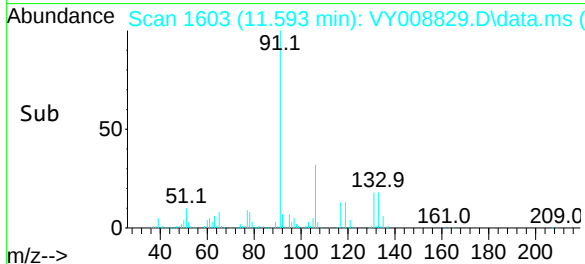
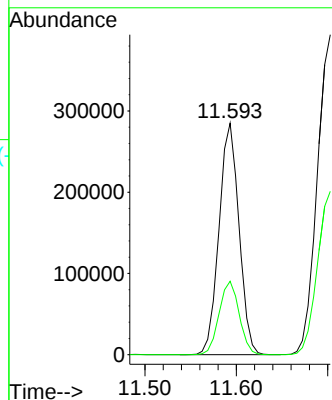
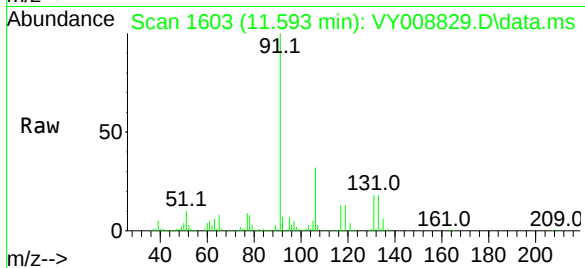
VSTDCCC050EC

Tgt Ion: 91 Resp: 433063

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 99.792 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008829.D

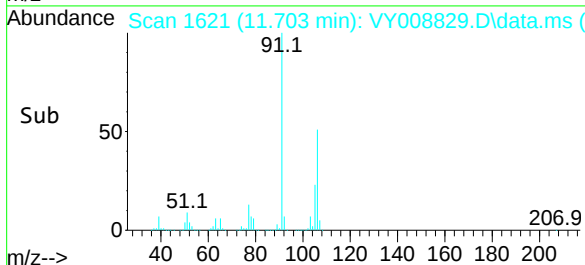
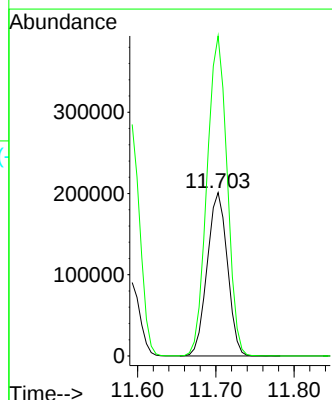
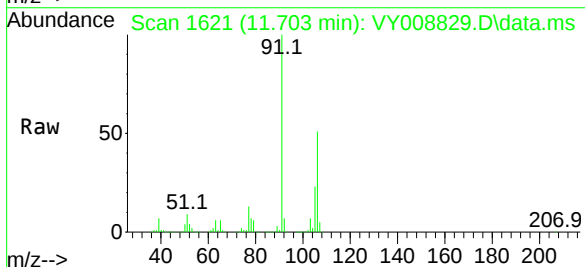
Acq: 18 May 2022 21:08

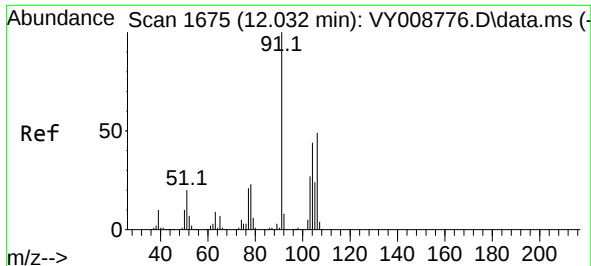
Tgt Ion:106 Resp: 359500

Ion Ratio Lower Upper

106 100

91 195.5 166.6 249.8

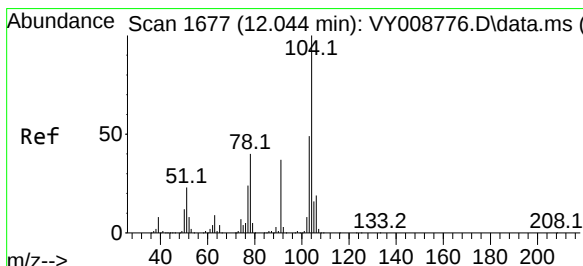
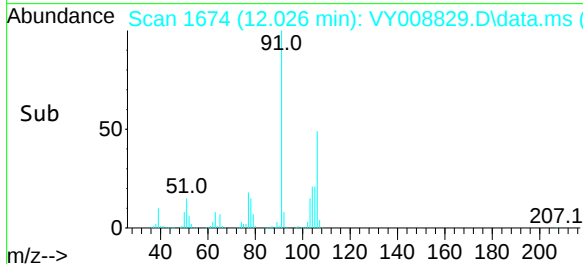
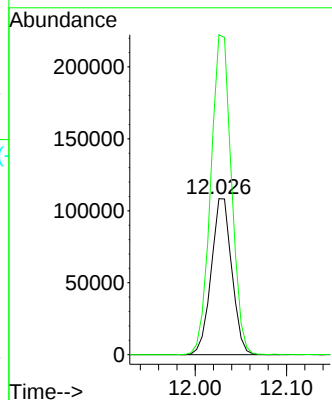
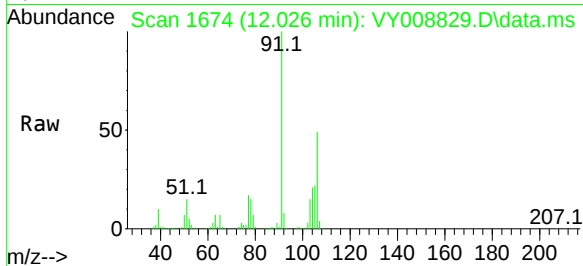




#69
o-Xylene
Concen: 51.014 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

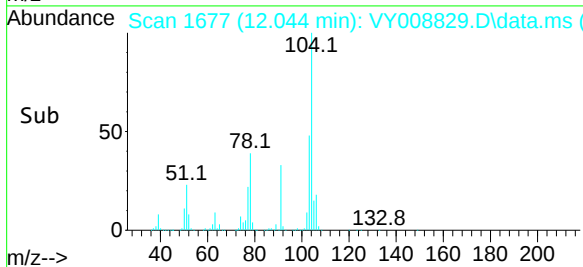
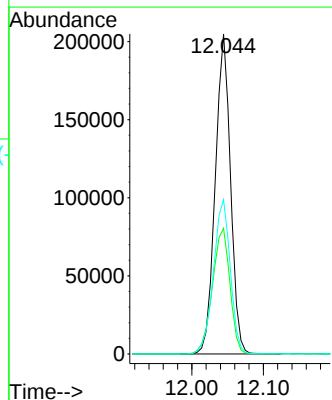
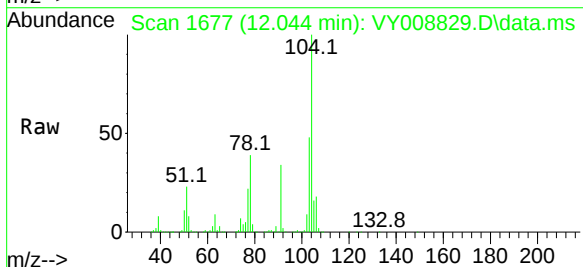
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

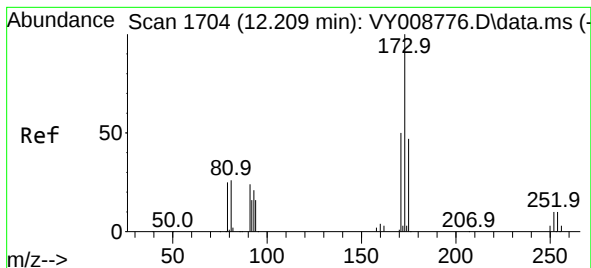
Tgt Ion:106 Resp: 169810
Ion Ratio Lower Upper
106 100
91 206.0 110.3 331.0



#70
Styrene
Concen: 53.853 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion:104 Resp: 303454
Ion Ratio Lower Upper
104 100
78 45.1 42.4 63.6
103 53.3 44.4 66.6





#71

Bromoform

Concen: 48.854 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

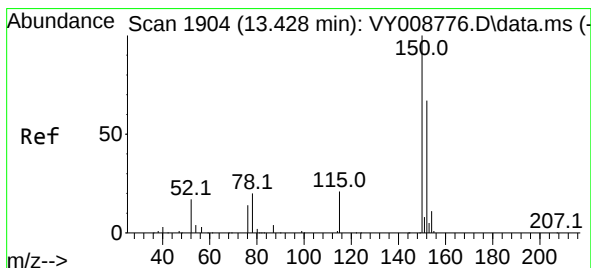
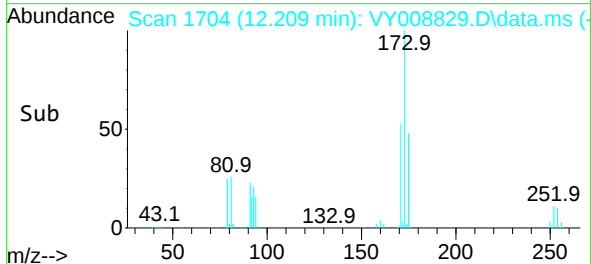
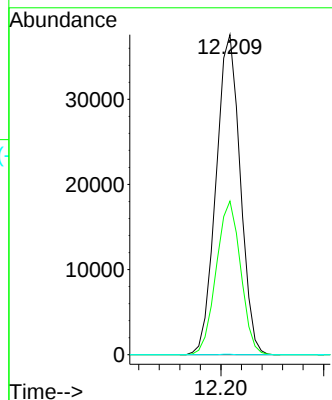
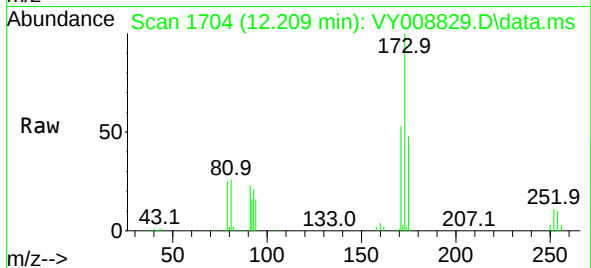
Tgt Ion:173 Resp: 61352

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.1 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: VY008829.D

Acq: 18 May 2022 21:08

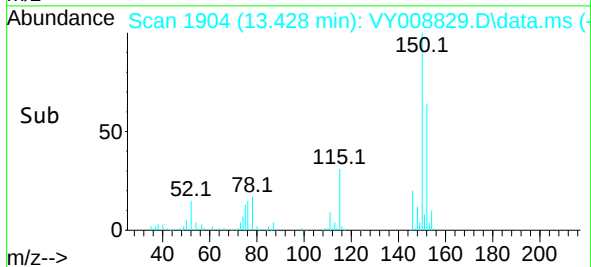
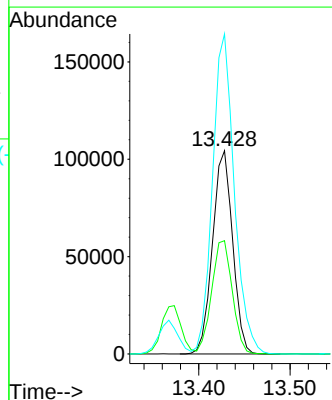
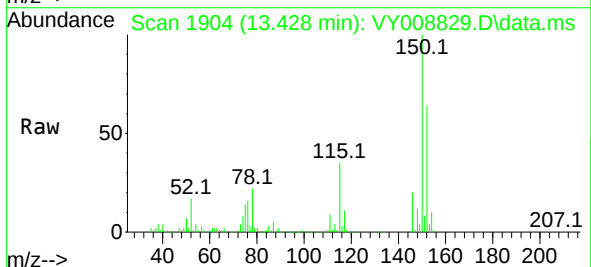
Tgt Ion:152 Resp: 159540

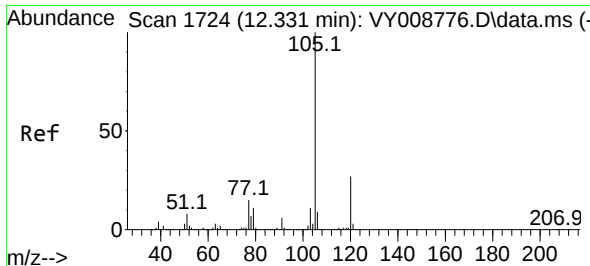
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 170.5 0.0 347.6

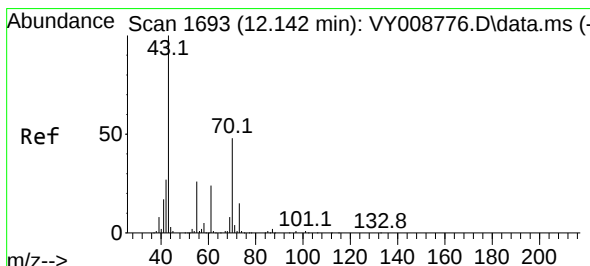
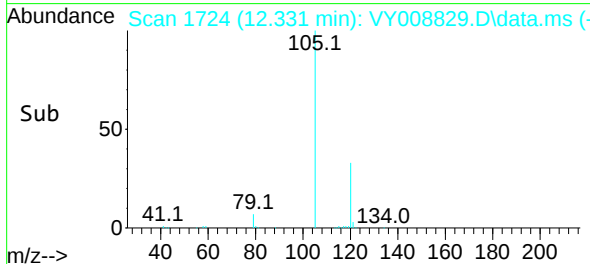
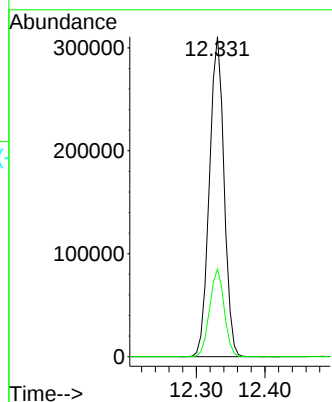
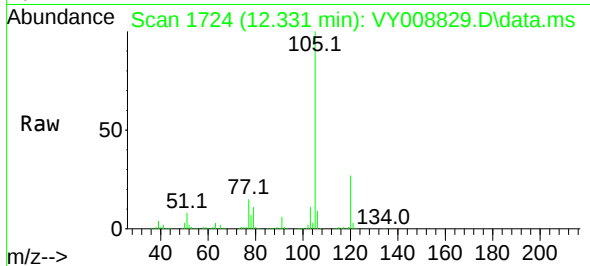




#73
Isopropylbenzene
Concen: 42.272 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

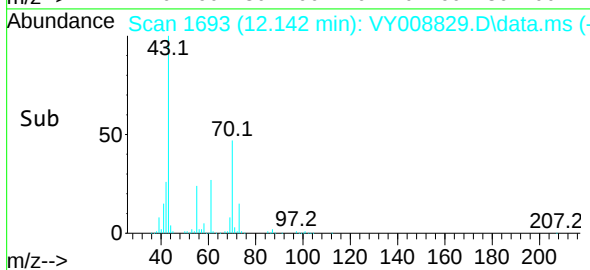
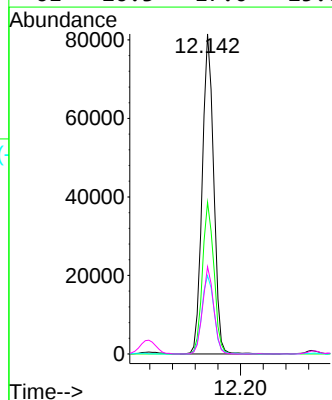
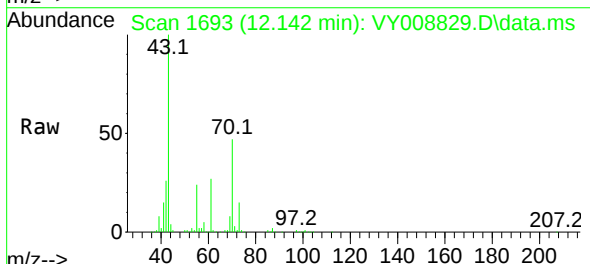
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

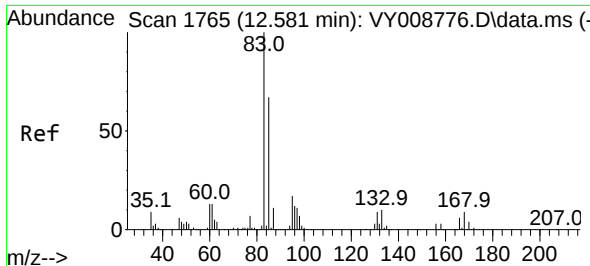
Tgt Ion:105 Resp: 462536
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 43.819 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 43 Resp: 114444
Ion Ratio Lower Upper
43 100
70 47.4 28.7 43.1#
55 26.0 17.3 25.9#
61 26.3 17.0 25.6#

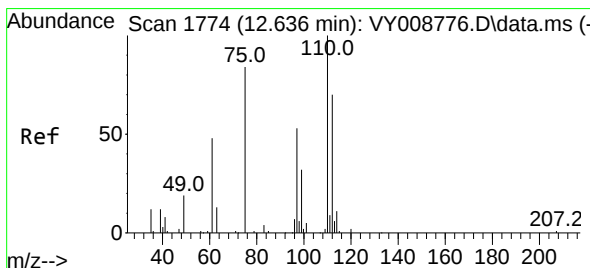
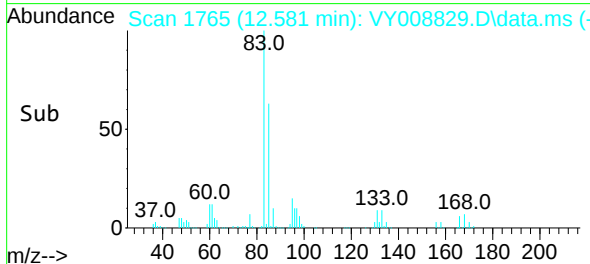
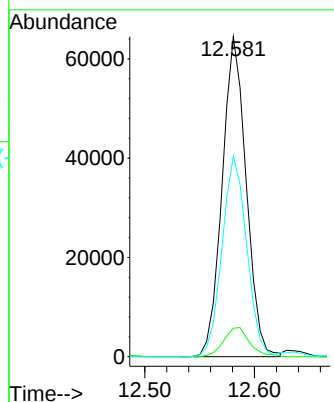
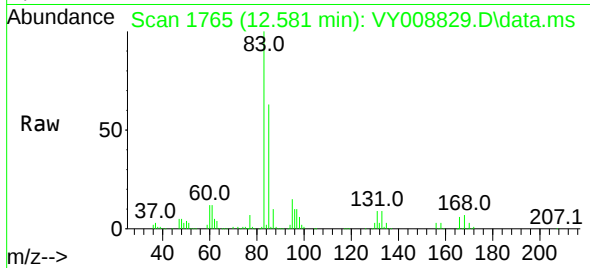




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.343 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

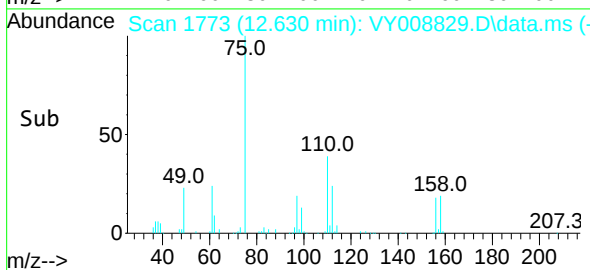
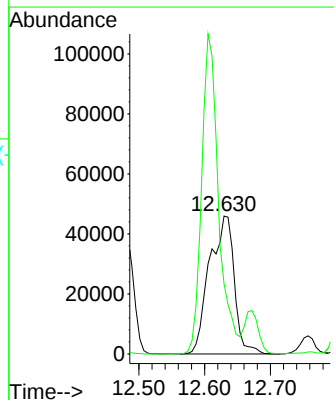
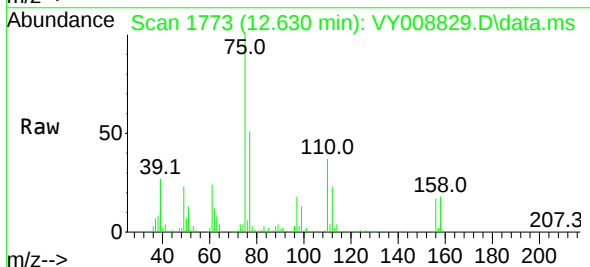
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

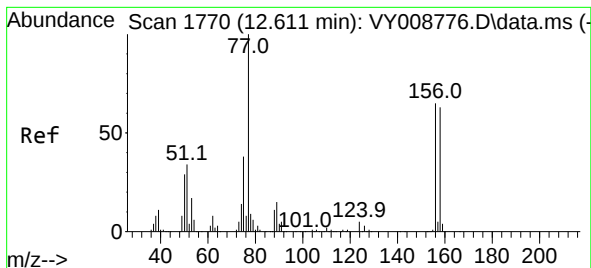
Tgt Ion: 83 Resp: 98135
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.6 16.8
 85 64.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 65.592 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

Tgt Ion: 75 Resp: 120880
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.204 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

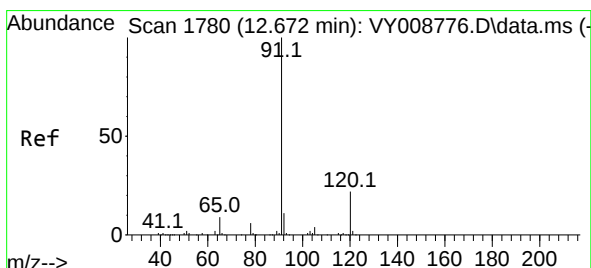
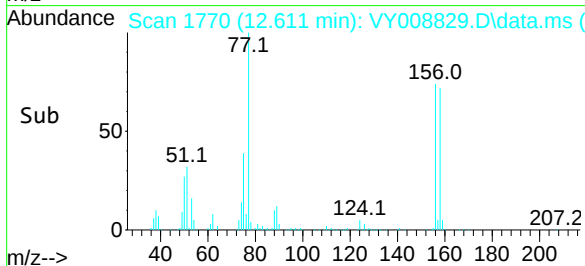
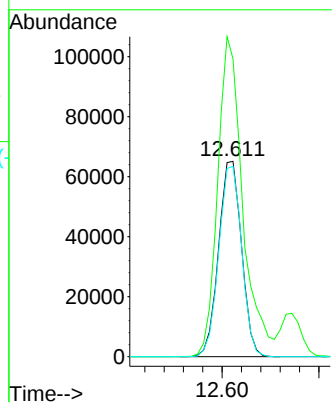
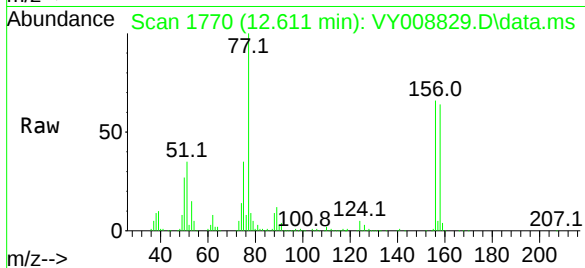
Tgt Ion:156 Resp: 107002

Ion Ratio Lower Upper

156 100

77 179.0 95.5 286.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 42.472 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008829.D

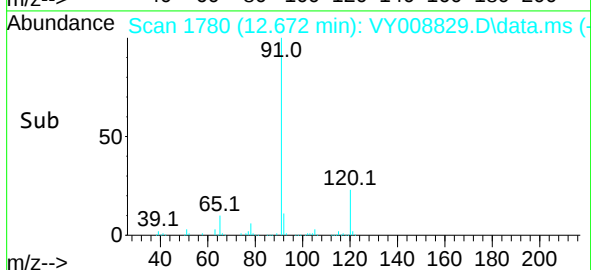
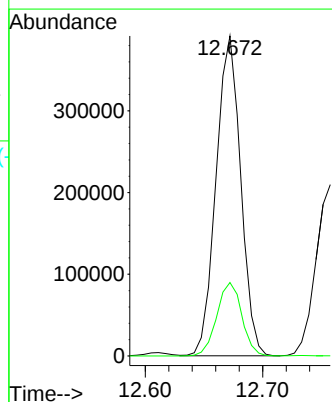
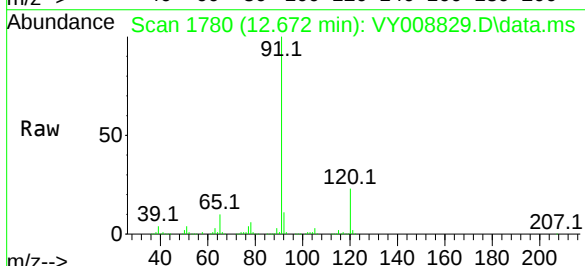
Acq: 18 May 2022 21:08

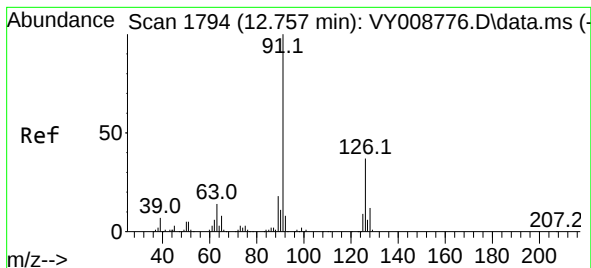
Tgt Ion: 91 Resp: 570914

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 43.920 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

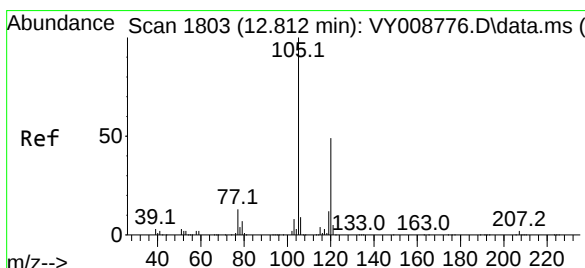
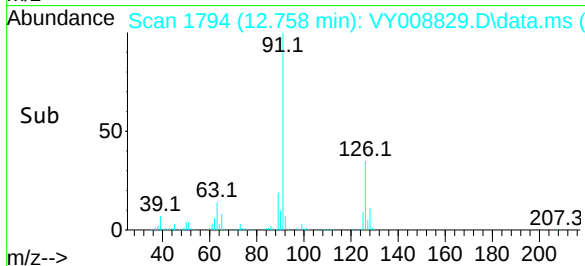
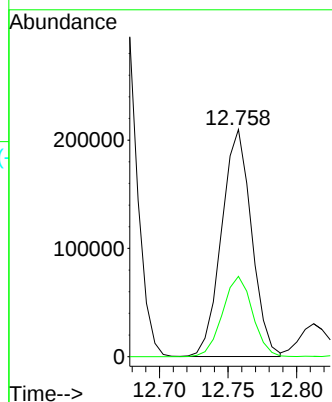
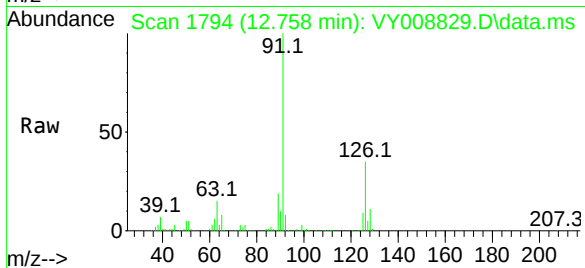
VSTDCCC050EC

Tgt Ion: 91 Resp: 319772

Ion Ratio Lower Upper

91 100

126 35.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 45.910 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008829.D

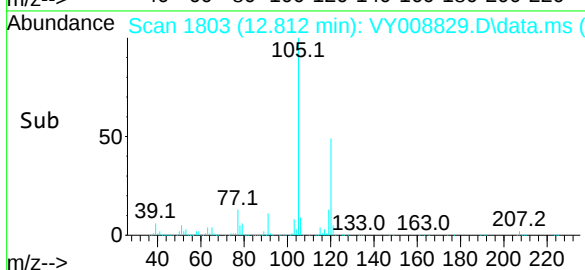
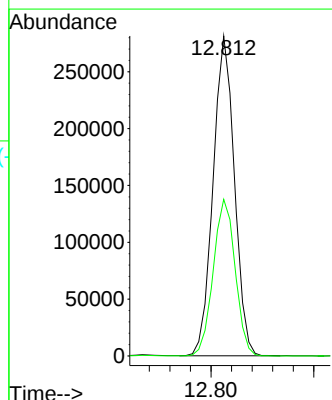
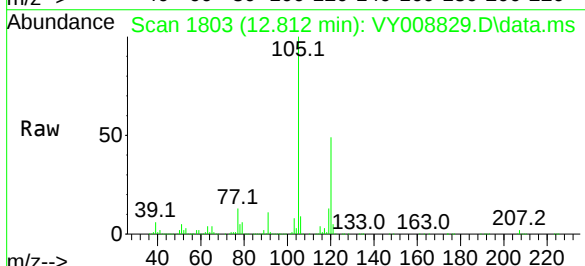
Acq: 18 May 2022 21:08

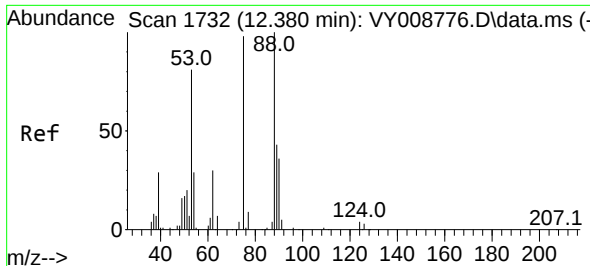
Tgt Ion: 105 Resp: 405587

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.4

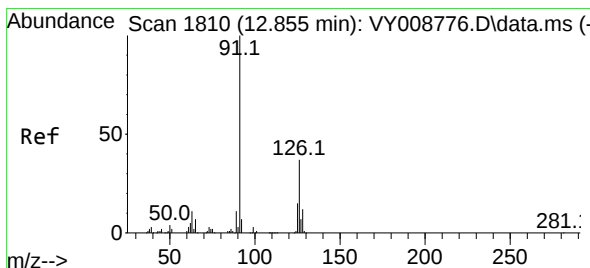
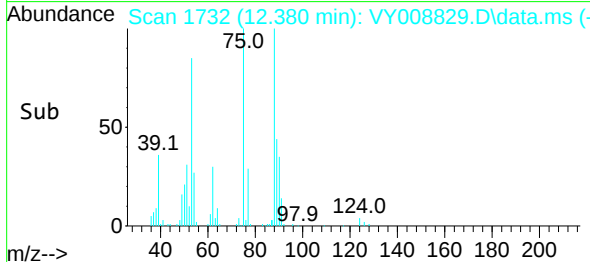
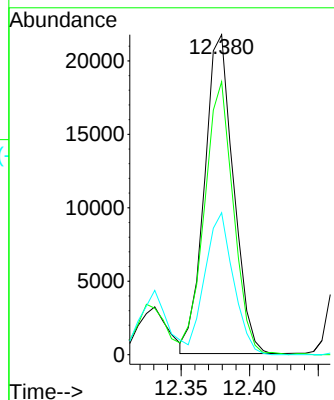
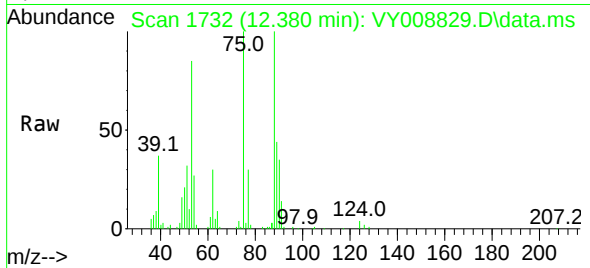




#81
trans-1,4-Dichloro-2-butene
Concen: 37.955 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

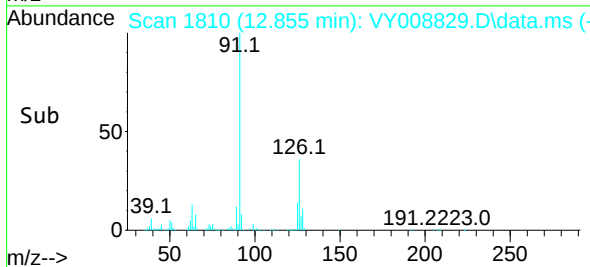
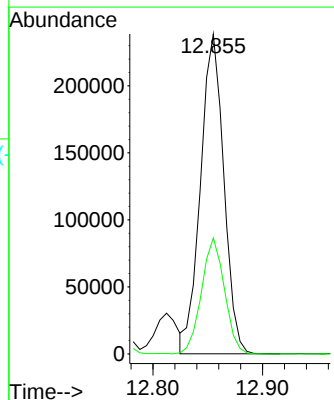
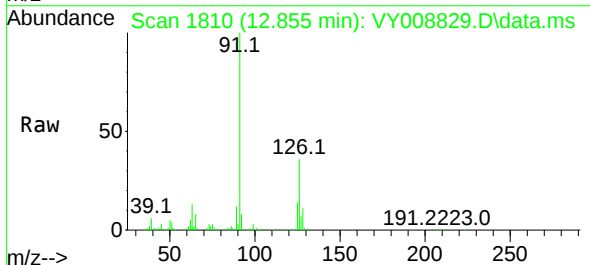
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

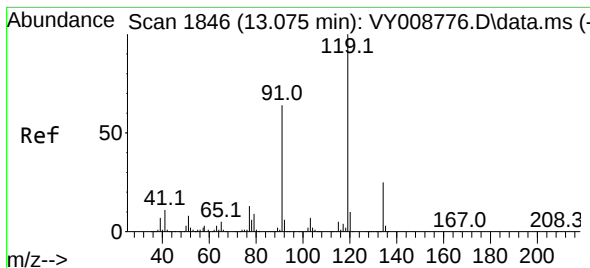
Tgt Ion: 75 Resp: 31979
Ion Ratio Lower Upper
75 100
53 85.7 85.3 127.9
89 43.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 45.698 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 91 Resp: 351487
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0

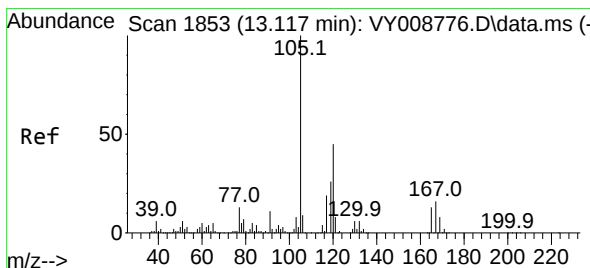
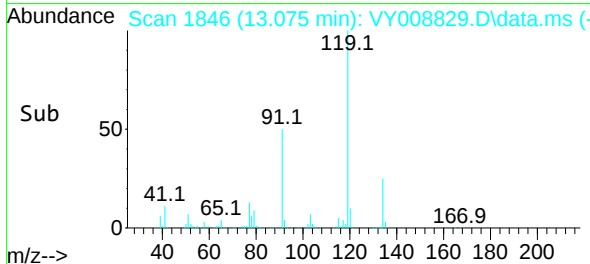
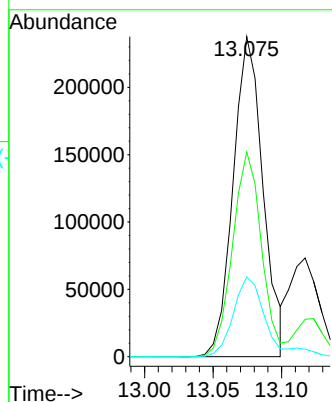
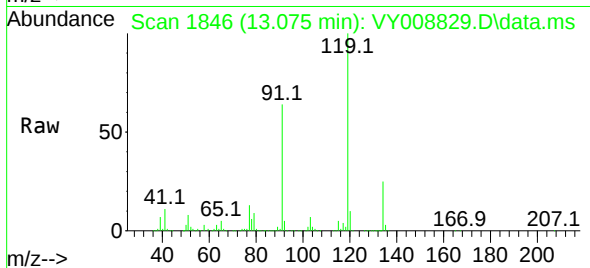




#83
tert-Butylbenzene
Concen: 45.460 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

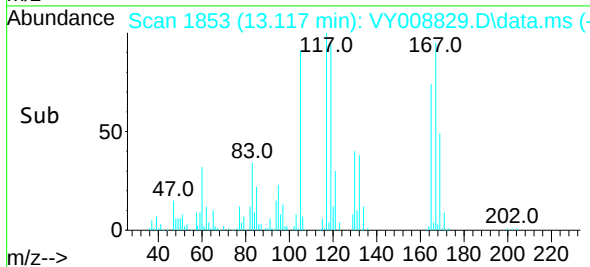
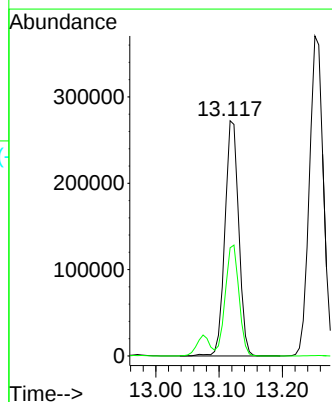
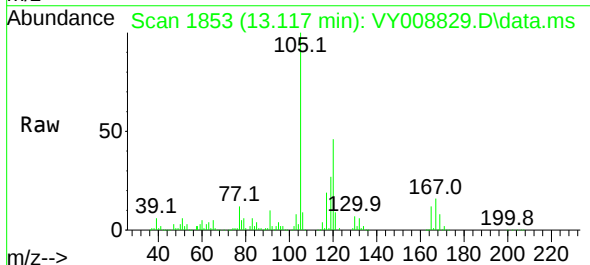
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

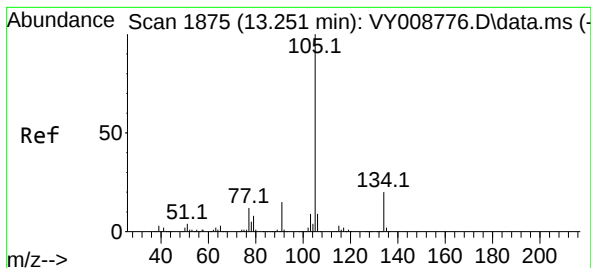
Tgt Ion:119 Resp: 361185
Ion Ratio Lower Upper
119 100
91 61.6 34.8 104.4
134 27.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 46.997 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion:105 Resp: 411030
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.607 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

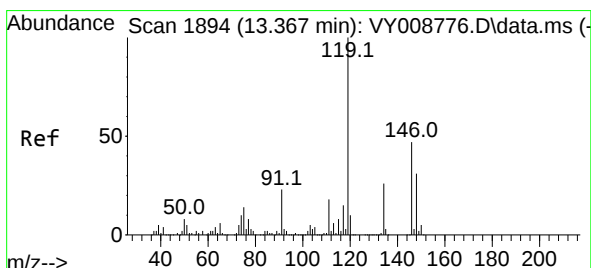
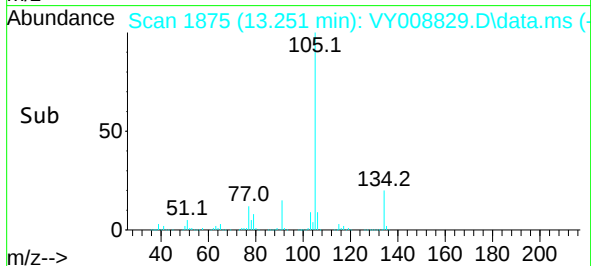
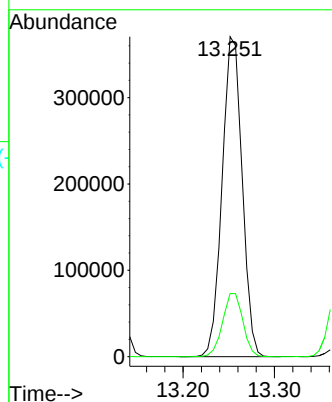
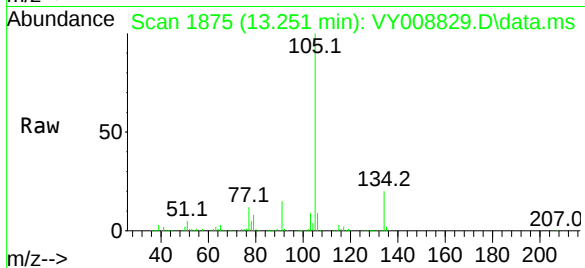
VSTDCCC050EC

Tgt Ion:105 Resp: 565335

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.347 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

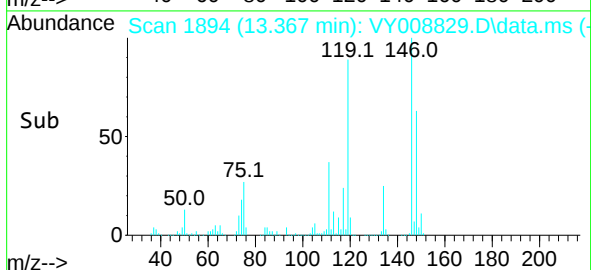
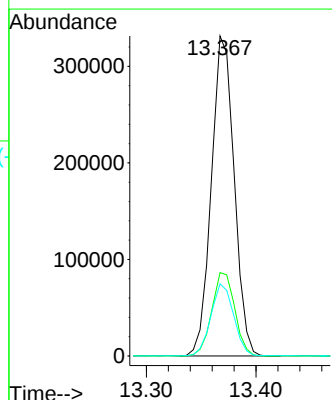
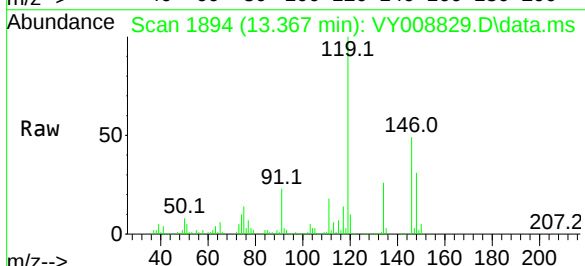
Tgt Ion:119 Resp: 478552

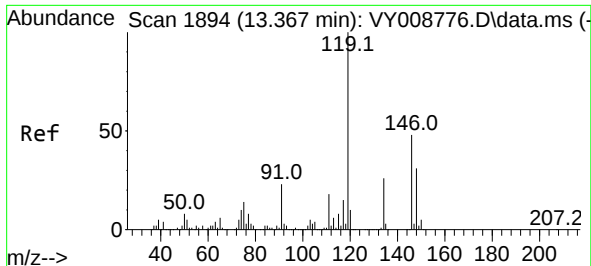
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.754 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

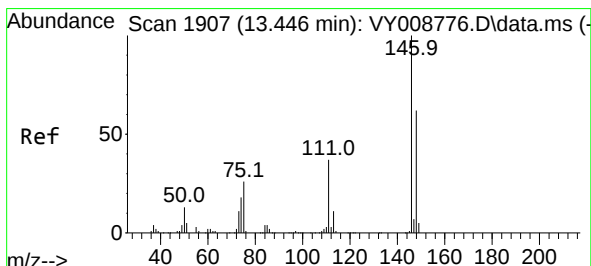
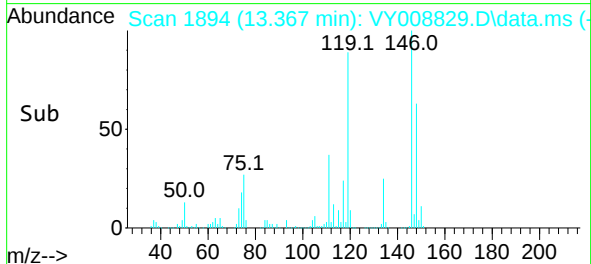
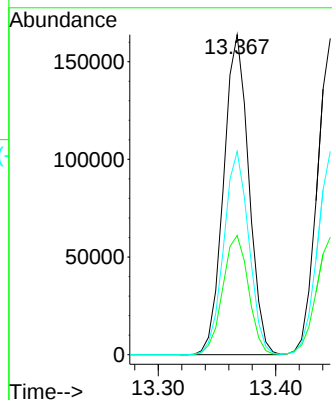
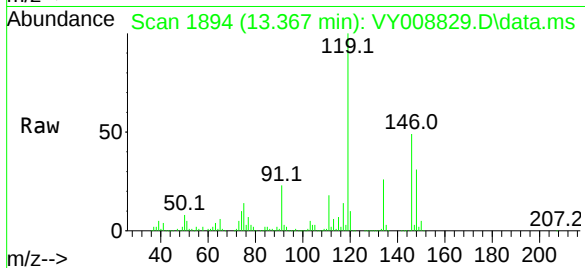
Tgt Ion:146 Resp: 243739

Ion Ratio Lower Upper

146 100

111 38.2 19.5 58.5

148 63.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.916 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

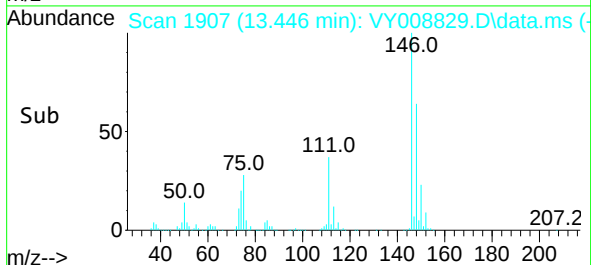
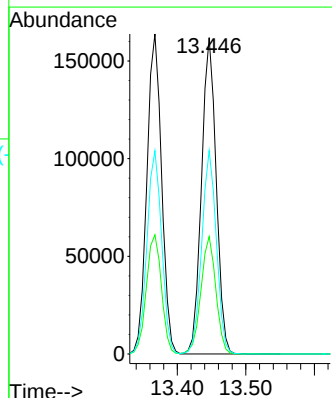
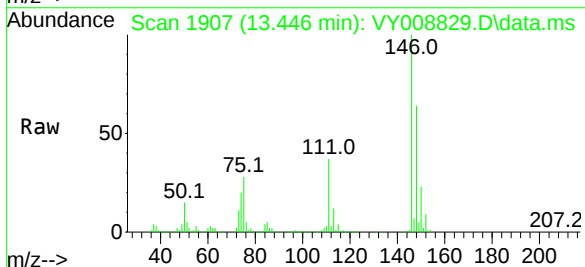
Tgt Ion:146 Resp: 241947

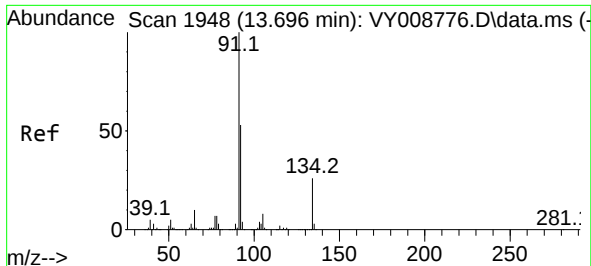
Ion Ratio Lower Upper

146 100

111 37.7 19.3 57.8

148 64.2 32.6 97.8

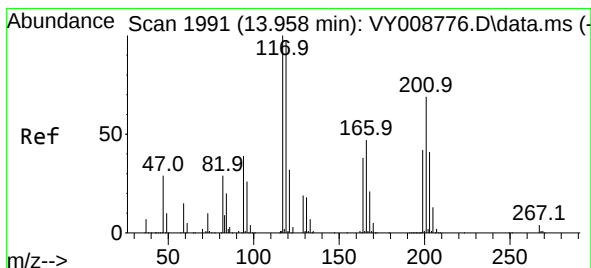
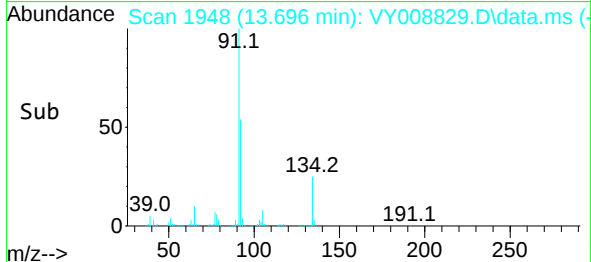
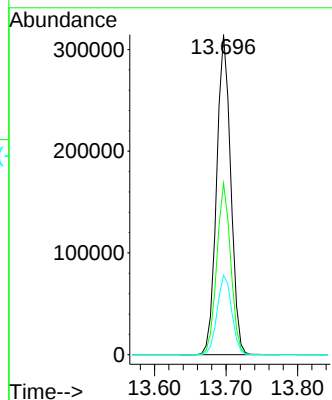
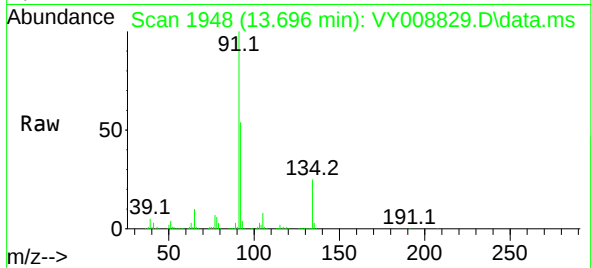




#89
n-Butylbenzene
Concen: 44.857 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

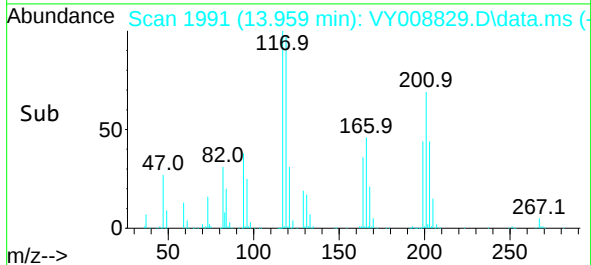
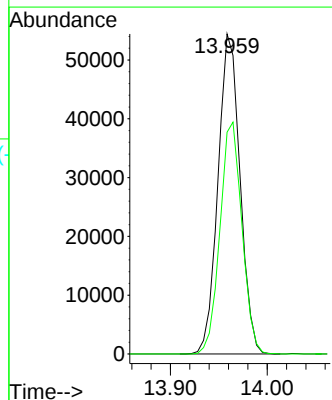
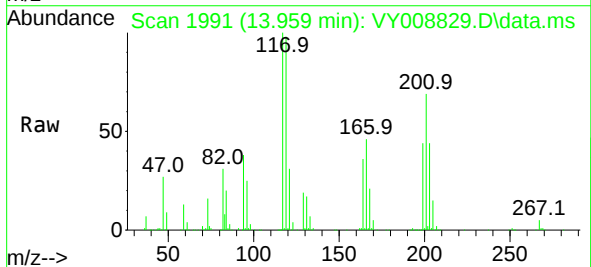
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

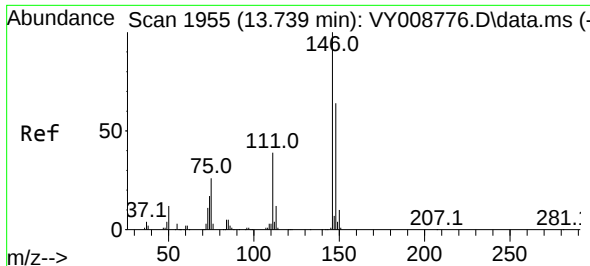
Tgt Ion: 91 Resp: 430353
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 44.953 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008829.D
Acq: 18 May 2022 21:08

Tgt Ion: 117 Resp: 85903
Ion Ratio Lower Upper
117 100
201 72.3 43.0 128.8

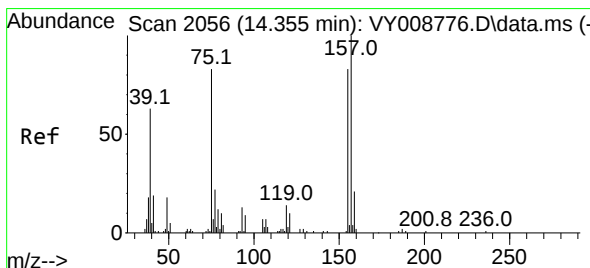
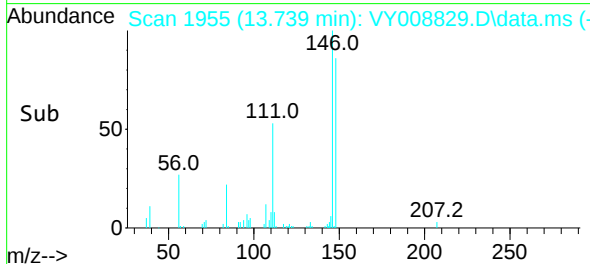
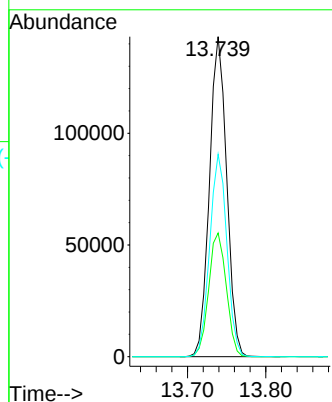
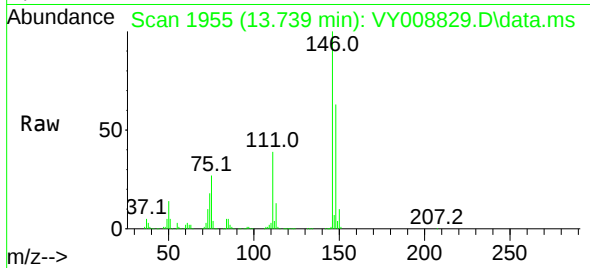




#91
 1,2-Dichlorobenzene
 Concen: 46.993 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

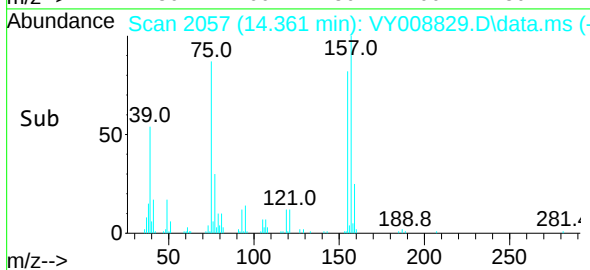
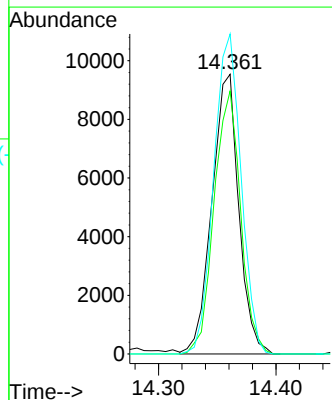
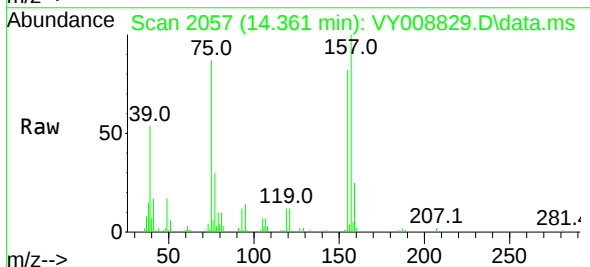
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

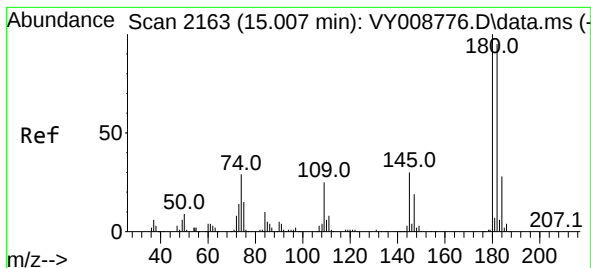
Tgt Ion:	146	Resp:	218923
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	62.9	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.478 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY008829.D
 Acq: 18 May 2022 21:08

Tgt Ion:	75	Resp:	15172
Ion	Ratio	Lower	Upper
75	100		
155	92.7	38.0	113.9
157	116.0	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 44.698 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

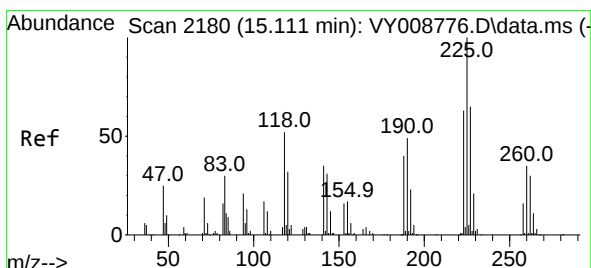
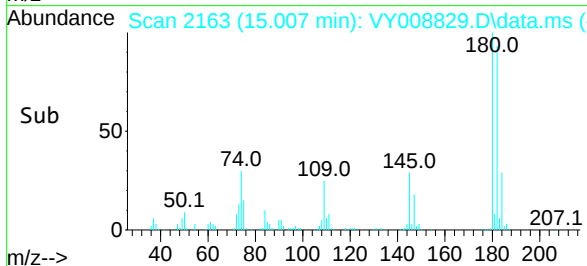
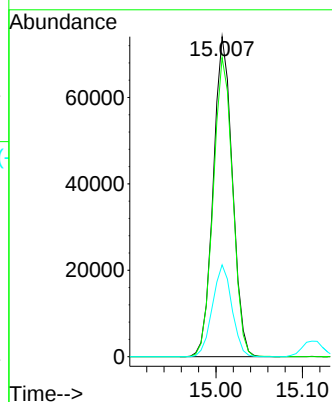
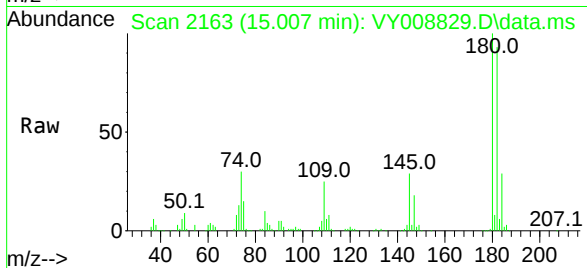
Tgt Ion:180 Resp: 113709

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.189 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

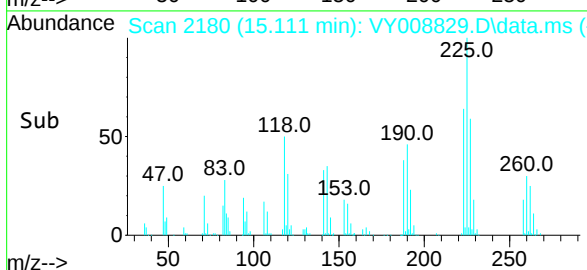
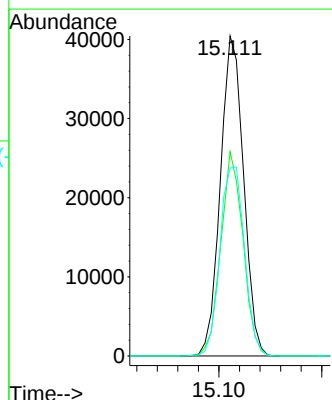
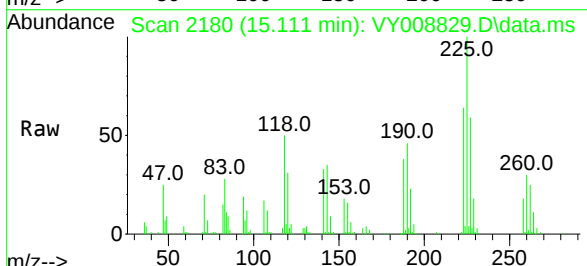
Tgt Ion:225 Resp: 63223

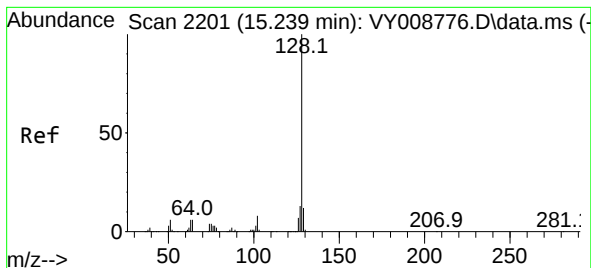
Ion Ratio Lower Upper

225 100

223 61.3 30.8 92.3

227 62.6 31.6 94.7





#95

Naphthalene

Concen: 42.004 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

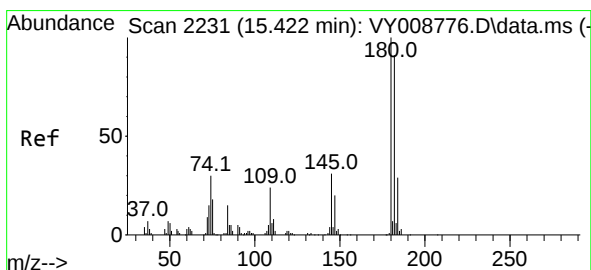
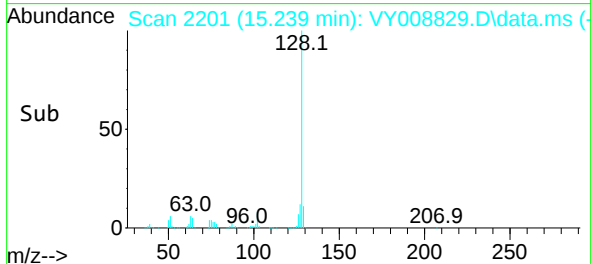
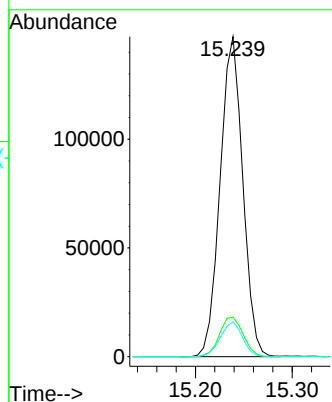
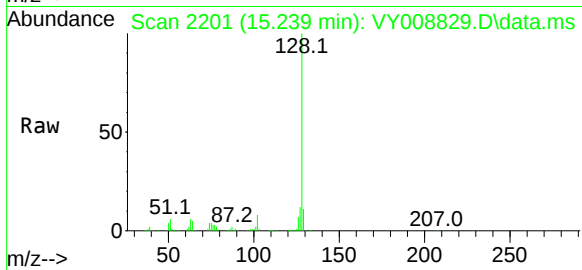
Tgt Ion:128 Resp: 238879

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.318 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008829.D

Acq: 18 May 2022 21:08

Tgt Ion:180 Resp: 101277

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 31.4 15.3 45.9

