

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008883.D
 Acq On : 19 May 2022 21:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 20 02:55:23 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	140303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70033	53.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.620%	
35) Dibromofluoromethane	7.716	113	67516	48.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.560%	
50) Toluene-d8	10.179	98	283035	45.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.640%	
62) 4-Bromofluorobenzene	12.483	95	107492	48.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44814	51.539	ug/l	99
3) Chloromethane	2.113	50	72893	59.387	ug/l	97
4) Vinyl Chloride	2.247	62	104353	55.765	ug/l	97
5) Bromomethane	2.649	94	93128	57.198	ug/l	99
6) Chloroethane	2.790	64	77840	54.167	ug/l	98
7) Trichlorofluoromethane	3.125	101	95172	50.687	ug/l	92
8) Diethyl Ether	3.527	74	34102	54.857	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	63004	54.959	ug/l	92
10) Methyl Iodide	4.088	142	70782	48.695	ug/l	91
11) Tert butyl alcohol	4.954	59	30775	213.933	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	55360	46.501	ug/l	93
13) Acrolein	3.729	56	7558	106.206	ug/l	95
14) Allyl chloride	4.472	41	91434	52.213	ug/l #	89
15) Acrylonitrile	5.161	53	98911	234.637	ug/l	97
16) Acetone	3.948	43	68279	233.355	ug/l	90
17) Carbon Disulfide	4.192	76	155317	50.931	ug/l	99
18) Methyl Acetate	4.478	43	43848	47.165	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	192030	59.891	ug/l	96
20) Methylene Chloride	4.716	84	73910	55.864	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	74585	51.095	ug/l	88
22) Diisopropyl ether	6.118	45	242685	65.439	ug/l #	94
23) Vinyl Acetate	6.057	43	784992	300.209	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	138061	56.104	ug/l	98
25) 2-Butanone	6.984	43	128679	235.577	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	117664	50.308	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	92257	56.982	ug/l	88
28) Bromochloromethane	7.332	49	49123	52.654	ug/l #	88
29) Tetrahydrofuran	7.344	42	86754	238.418	ug/l #	85
30) Chloroform	7.508	83	151581	57.453	ug/l	98
31) Cyclohexane	7.783	56	114025	55.819	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	133780	54.690	ug/l	97
36) 1,1-Dichloropropene	7.917	75	109992	49.109	ug/l	99
37) Ethyl Acetate	7.076	43	59362	44.475	ug/l	97
38) Carbon Tetrachloride	7.899	117	118727	49.462	ug/l	98
39) Methylcyclohexane	9.185	83	137513	51.772	ug/l #	88
40) Benzene	8.161	78	341137	54.433	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	81978	116.791	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	104322	56.708	ug/l	92
43) Isopropyl Acetate	8.270	43	118417	53.295	ug/l #	92
44) Trichloroethene	8.941	130	88677	52.016	ug/l	99
45) 1,2-Dichloropropane	9.215	63	86745	58.240	ug/l	95
46) Dibromomethane	9.307	93	53916	55.089	ug/l	94
47) Bromodichloromethane	9.496	83	128370	59.165	ug/l	96
48) Methyl methacrylate	9.289	41	53171	54.499	ug/l #	82
49) 1,4-Dioxane	9.295	88	13941	948.328	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	337728	257.474	ug/l	91
52) Toluene	10.246	92	243649	57.214	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	131892	58.524	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	141274	58.132	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	79168	59.485	ug/l	98
56) Ethyl methacrylate	10.508	69	101547	62.888	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	130104	59.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	226145	274.648	ug/l	94
59) 2-Hexanone	10.831	43	230330	245.759	ug/l	87
60) Dibromochloromethane	10.983	129	97360	60.937	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75264	56.707	ug/l	100
64) Tetrachloroethene	10.721	164	78624	49.135	ug/l	99
65) Chlorobenzene	11.514	112	267840	52.940	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	105820	57.251	ug/l	96
67) Ethyl Benzene	11.593	91	491700	54.421	ug/l	98
68) m/p-Xylenes	11.703	106	407016	113.078	ug/l	91
69) o-Xylene	12.032	106	194540	58.494	ug/l	90
70) Styrene	12.044	104	344857	61.253	ug/l	93
71) Bromoform	12.209	173	69585	55.458	ug/l #	98
73) Isopropylbenzene	12.331	105	526323	49.913	ug/l	100
74) N-amyl acetate	12.142	43	127866	50.802	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	106590	45.469	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	134465	75.711	ug/l #	100
77) Bromobenzene	12.611	156	121433	49.700	ug/l	93
78) n-propylbenzene	12.672	91	648876	50.090	ug/l	99
79) 2-Chlorotoluene	12.757	91	361719	51.553	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	459962	54.025	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	36272	44.671	ug/l #	85
82) 4-Chlorotoluene	12.855	91	399480	53.893	ug/l	97
83) tert-Butylbenzene	13.074	119	408900	53.404	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	464219	55.078	ug/l	97
85) sec-Butylbenzene	13.257	105	635772	53.221	ug/l	100
86) p-Isopropyltoluene	13.373	119	532059	54.623	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	275046	53.575	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	273340	53.828	ug/l	99
89) n-Butylbenzene	13.696	91	476224	51.508	ug/l	100
90) Hexachloroethane	13.958	117	97912	53.166	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	245200	54.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15754	39.304	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	128162	52.276	ug/l	99
94) Hexachlorobutadiene	15.117	225	68701	48.698	ug/l	98
95) Naphthalene	15.239	128	267292	48.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113561	52.729	ug/l	100

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QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

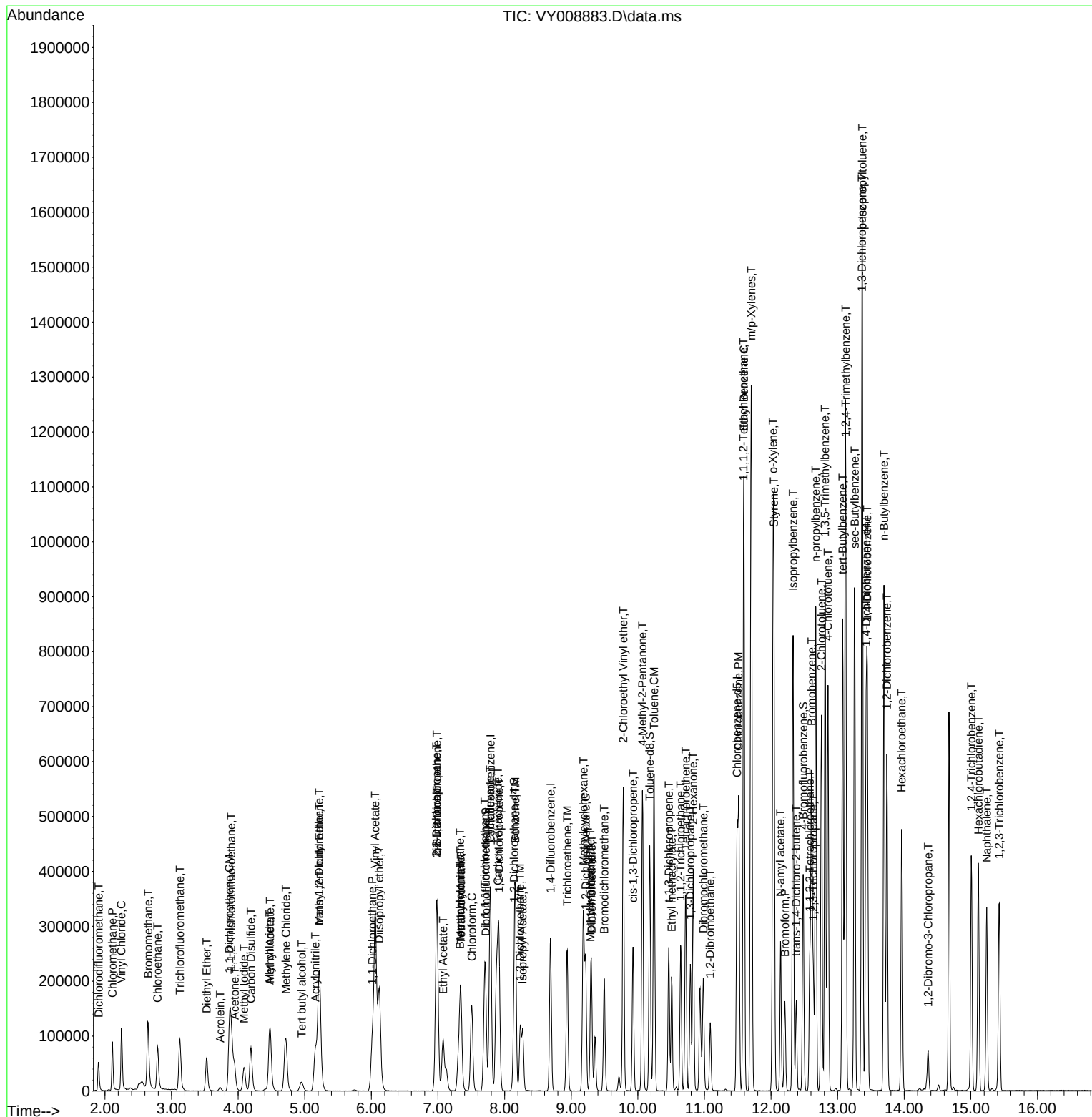
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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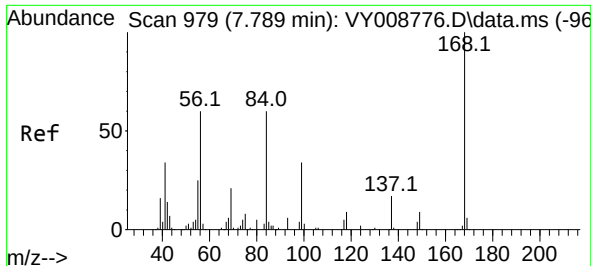
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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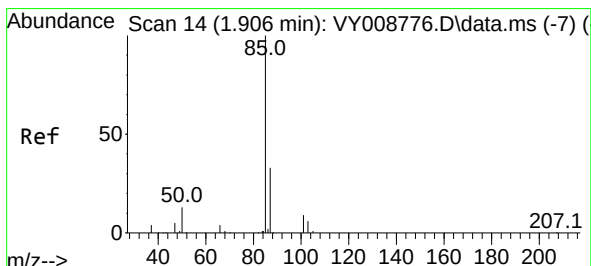
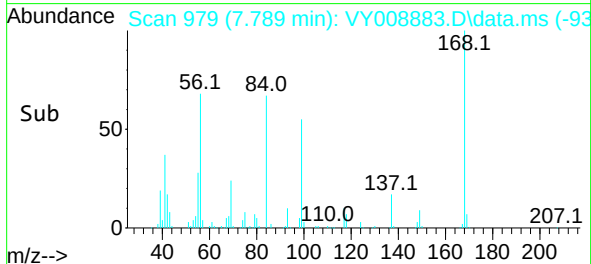
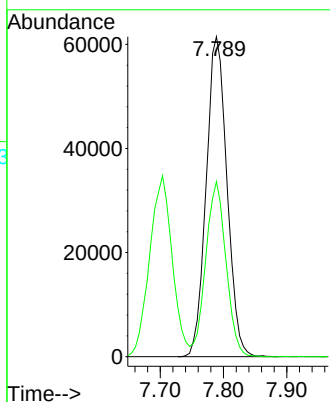
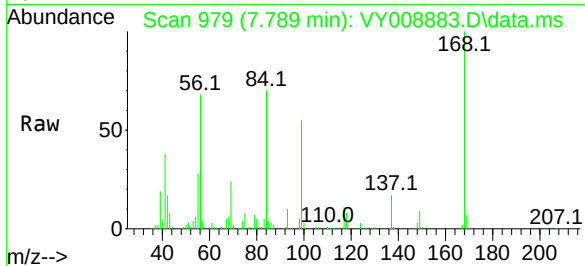




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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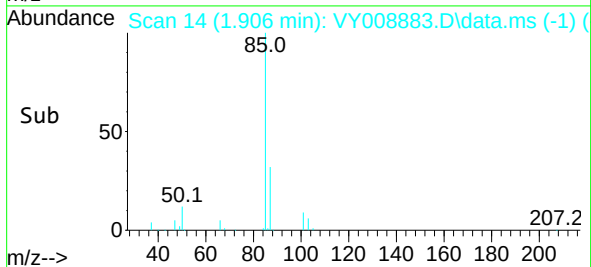
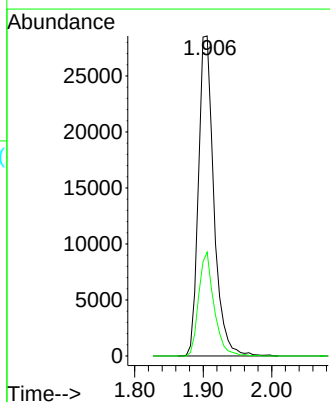
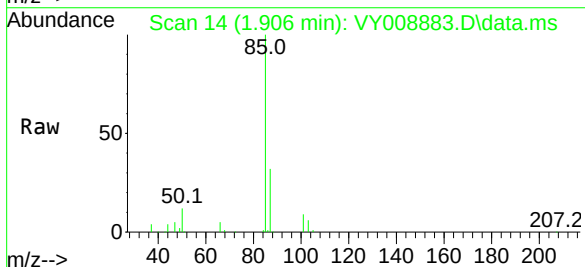
Instrument :
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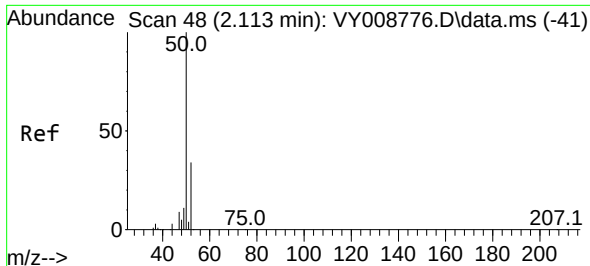
Tgt Ion:168 Resp: 140303
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 51.539 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 85 Resp: 44814
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

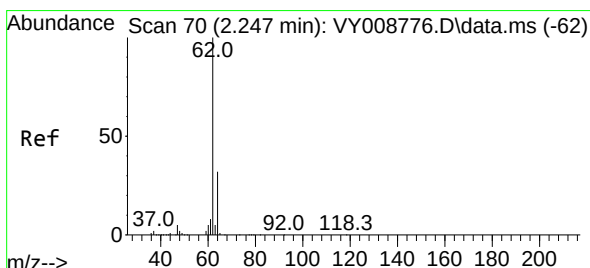
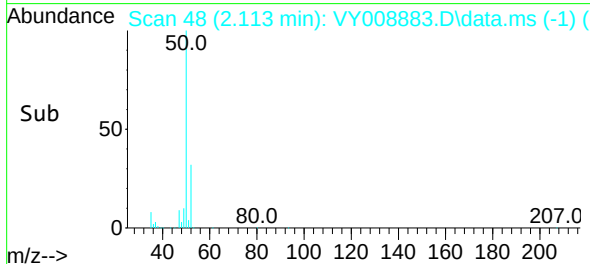
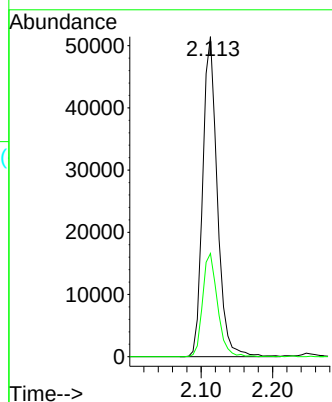
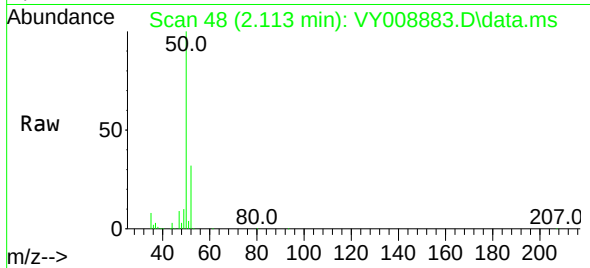




#3
Chloromethane
Concen: 59.387 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008883.D
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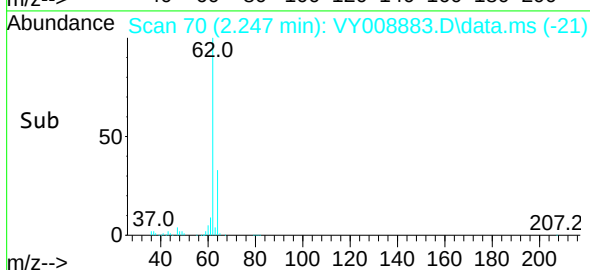
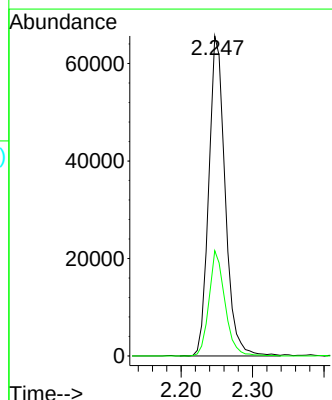
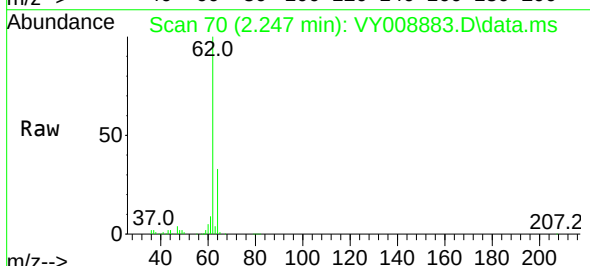
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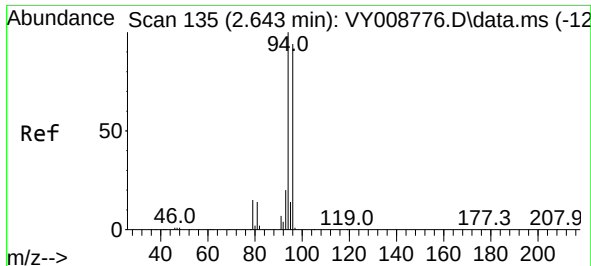
Tgt Ion: 50 Resp: 72893
Ion Ratio Lower Upper
50 100
52 32.3 24.6 37.0



#4
Vinyl Chloride
Concen: 55.765 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008883.D
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Tgt Ion: 62 Resp: 104353
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6

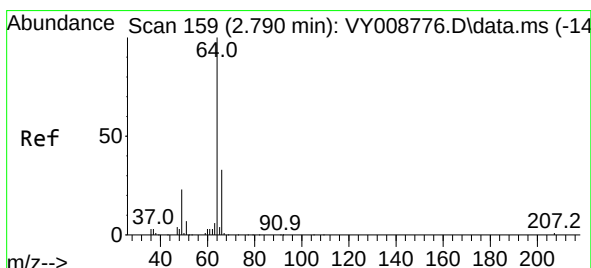
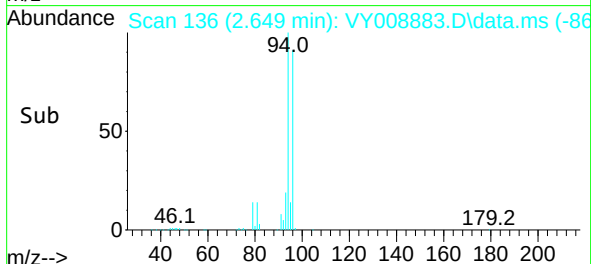
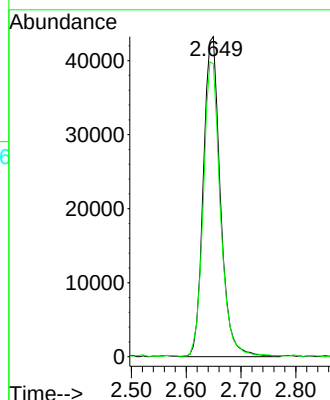
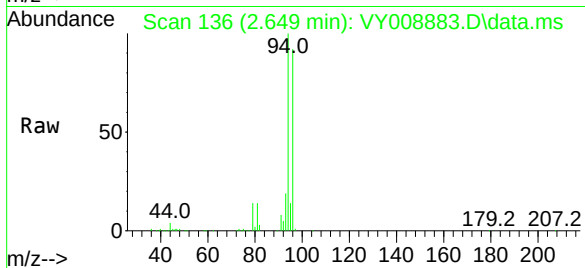




#5
Bromomethane
Concen: 57.198 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.006 min
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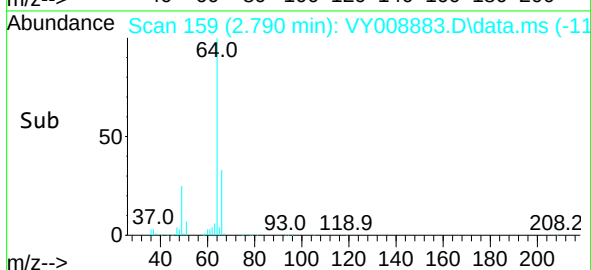
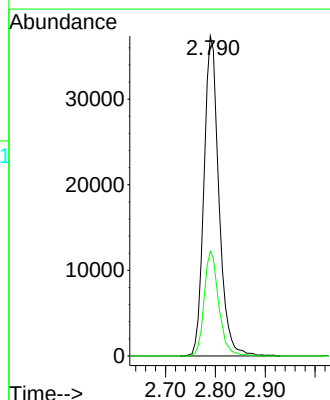
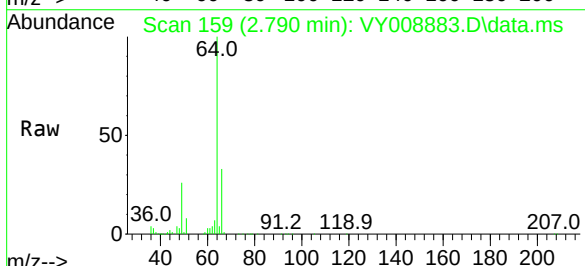
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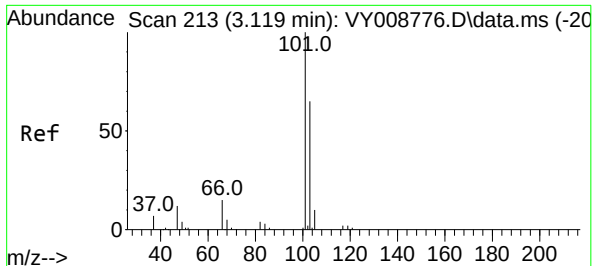
Tgt Ion: 94 Resp: 93128
Ion Ratio Lower Upper
94 100
96 91.4 73.5 110.3



#6
Chloroethane
Concen: 54.167 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 77840
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

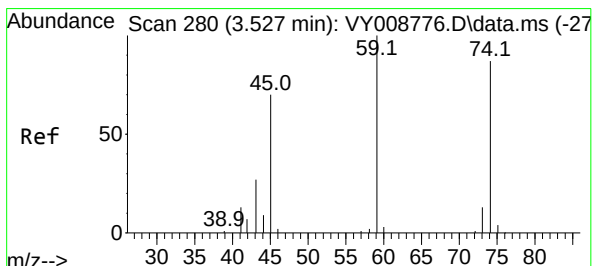
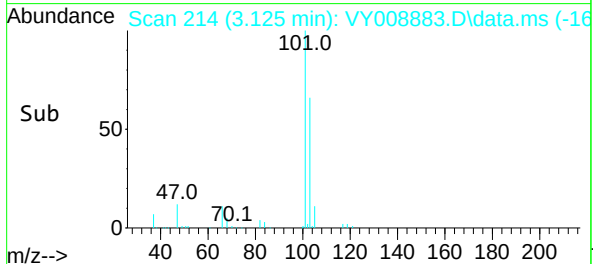
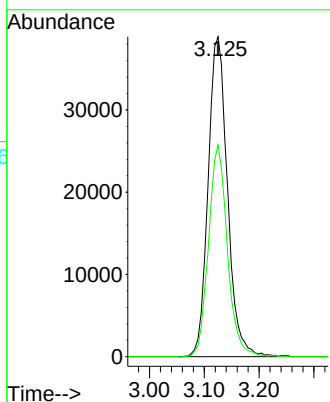
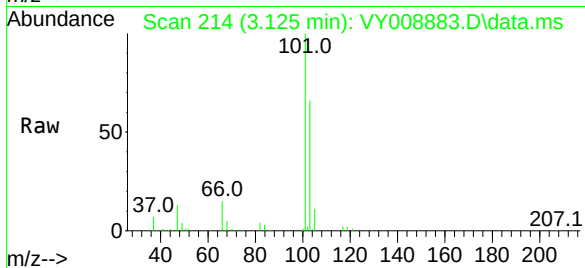




#7
Trichlorofluoromethane
Concen: 50.687 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

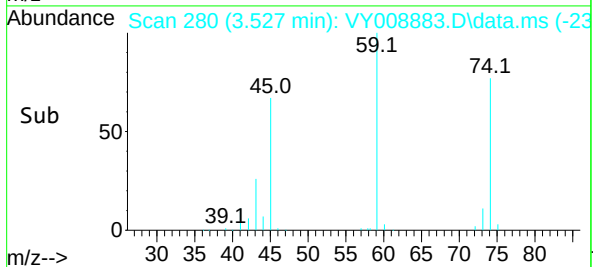
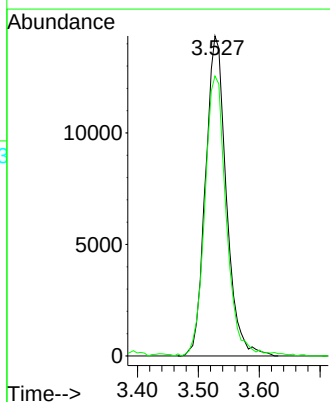
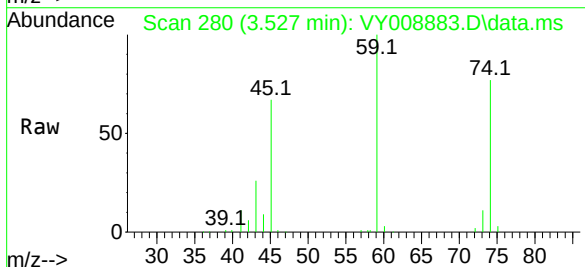
Instrument :
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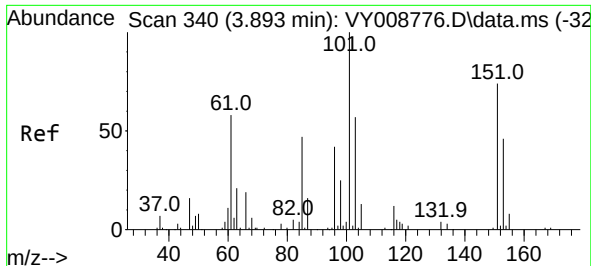
Tgt Ion:101 Resp: 95172
Ion Ratio Lower Upper
101 100
103 66.1 48.0 72.0



#8
Diethyl Ether
Concen: 54.857 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 34102
Ion Ratio Lower Upper
74 100
45 90.6 55.1 165.5

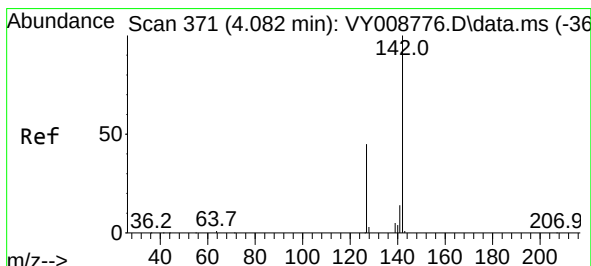
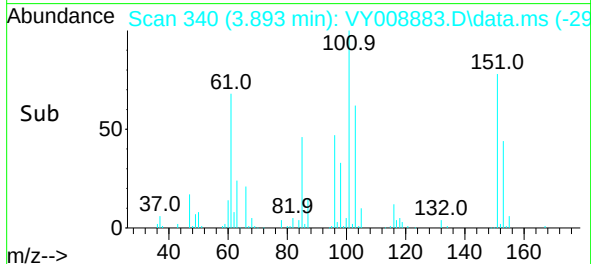
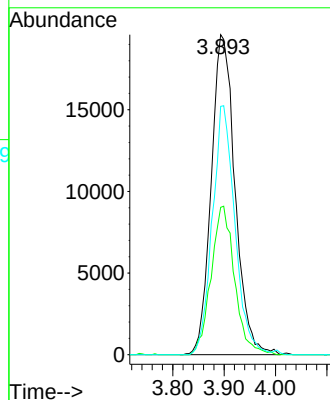
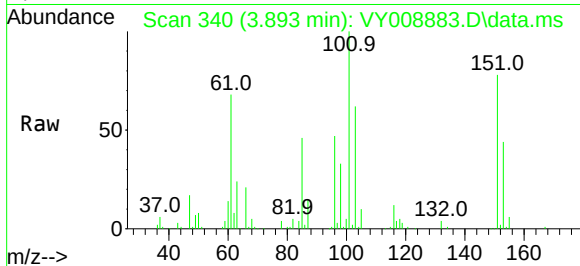




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.959 ug/l
 RT: 3.893 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

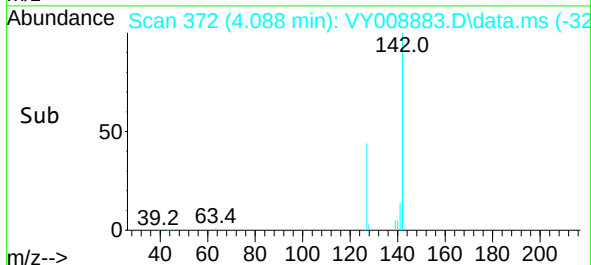
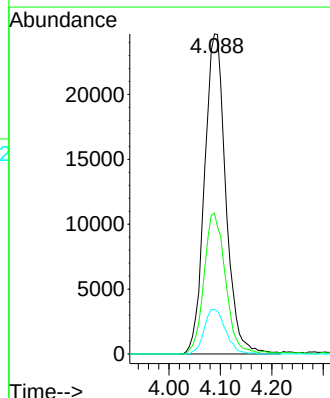
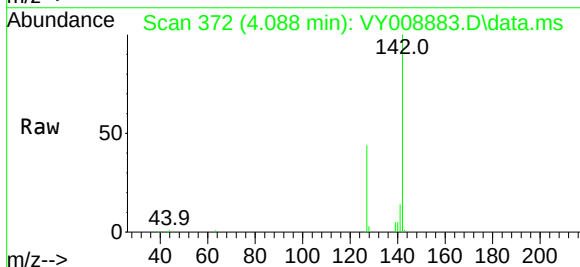
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

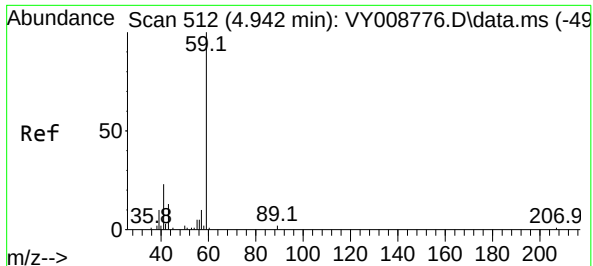
Tgt Ion:	101	Resp:	63004
Ion	Ratio	Lower	Upper
101	100		
85	45.7	40.6	60.8
151	73.9	64.9	97.3



#10
 Methyl Iodide
 Concen: 48.695 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.006 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

Tgt Ion:	142	Resp:	70782
Ion	Ratio	Lower	Upper
142	100		
127	44.3	41.5	62.3
141	14.1	11.9	17.9

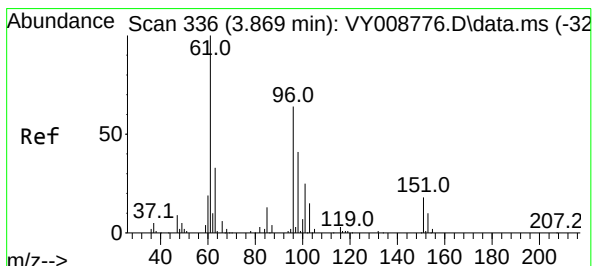
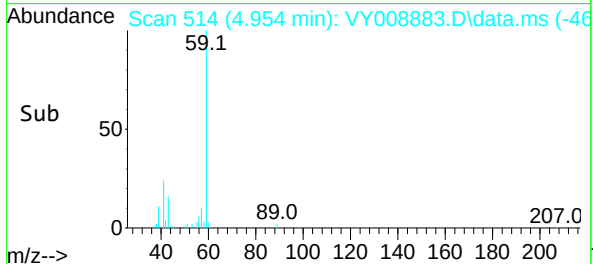
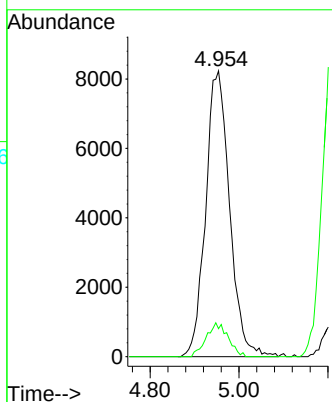
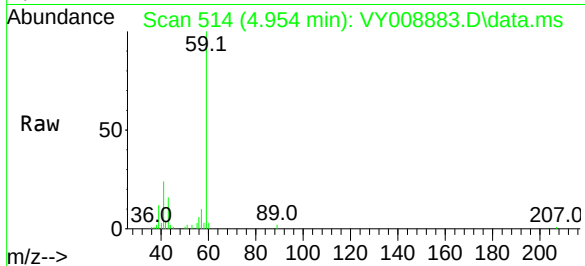




#11
Tert butyl alcohol
Concen: 213.933 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

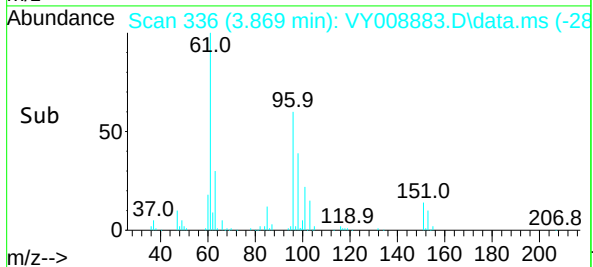
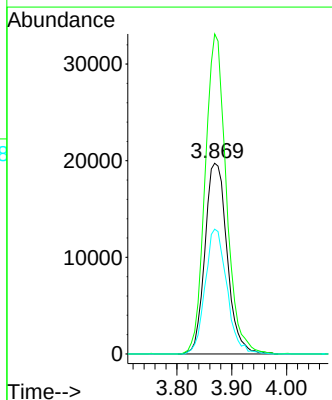
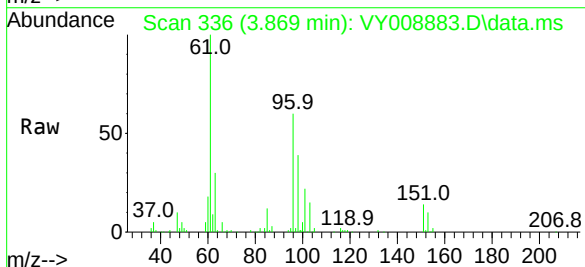
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

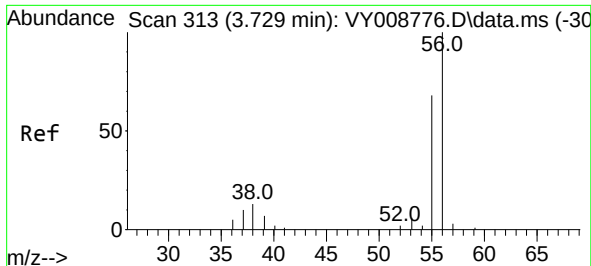
Tgt Ion: 59 Resp: 30775
Ion Ratio Lower Upper
59 100
57 10.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 46.501 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 96 Resp: 55360
Ion Ratio Lower Upper
96 100
61 167.7 145.8 218.6
98 65.4 52.5 78.7





#13

Acrolein

Concen: 106.206 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

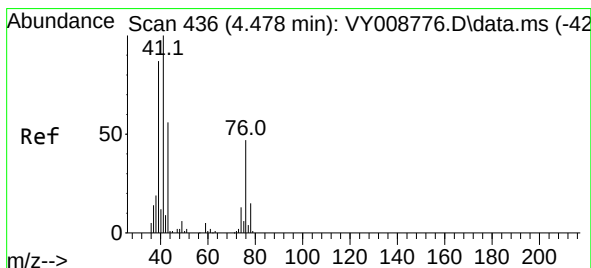
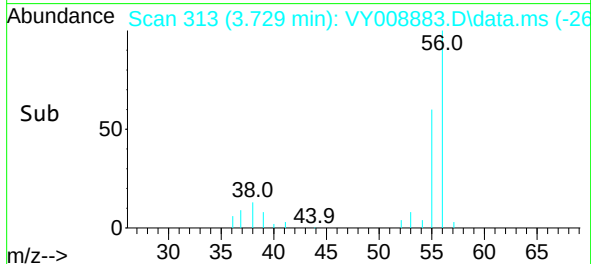
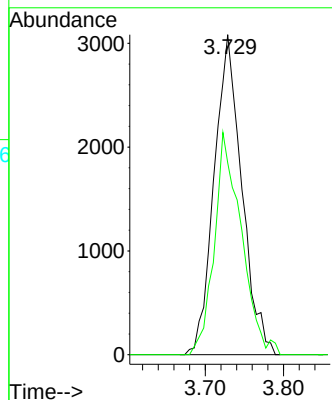
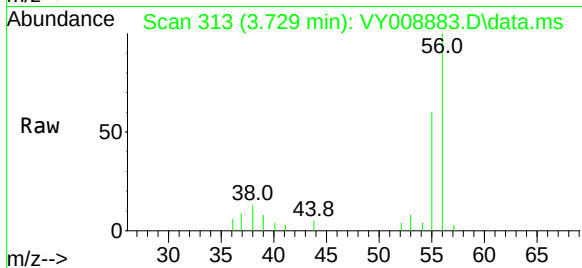
VSTDCCC050EC

Tgt Ion: 56 Resp: 7558

Ion Ratio Lower Upper

56 100

55 67.9 57.6 86.4



#14

Allyl chloride

Concen: 52.213 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

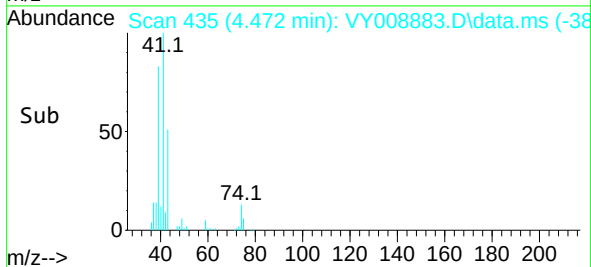
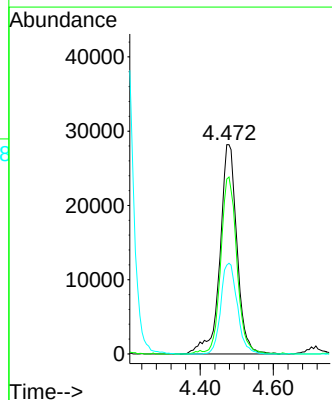
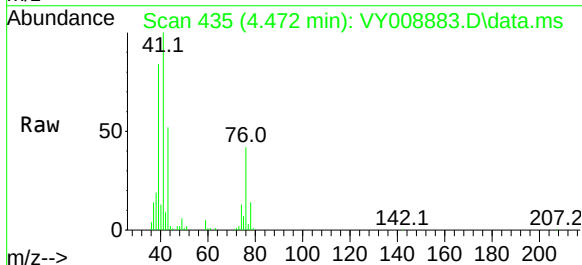
Tgt Ion: 41 Resp: 91434

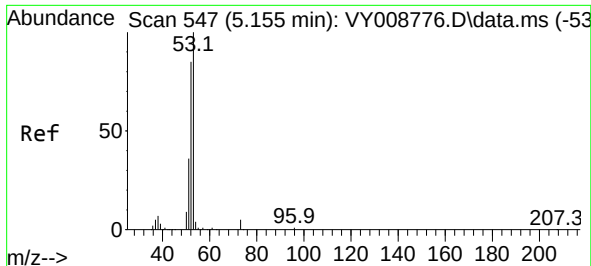
Ion Ratio Lower Upper

41 100

39 79.7 58.8 88.2

76 41.8 25.1 37.7#

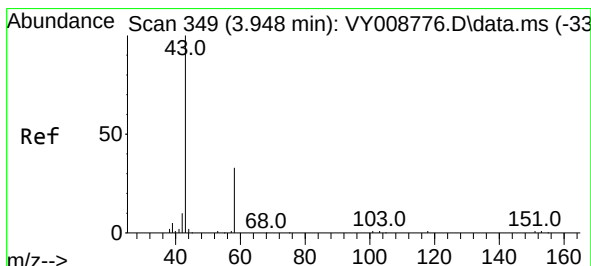
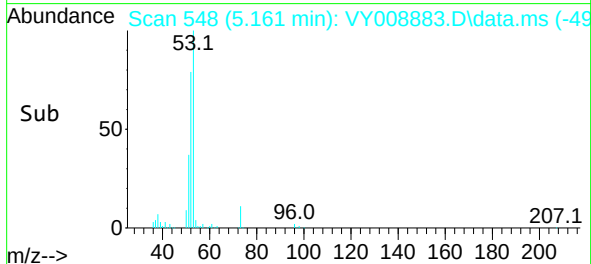
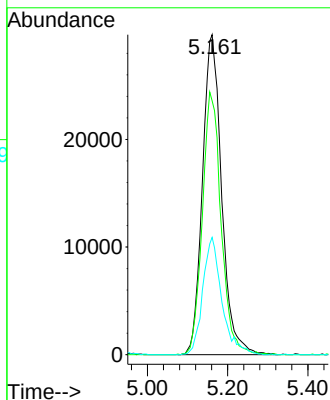
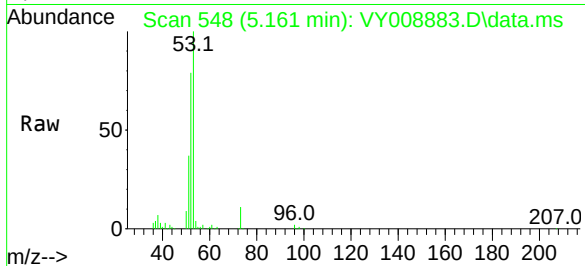




#15
Acrylonitrile
Concen: 234.637 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

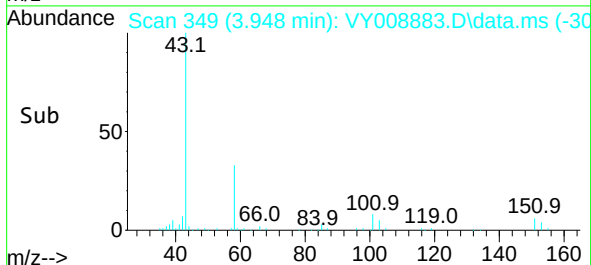
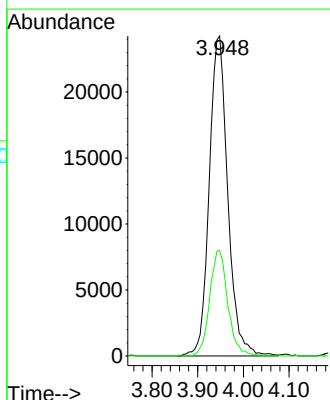
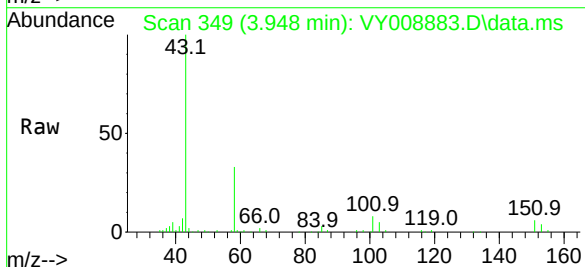
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

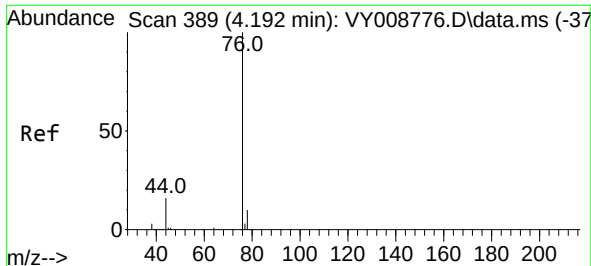
Tgt Ion: 53 Resp: 98911
Ion Ratio Lower Upper
53 100
52 80.3 67.0 100.4
51 36.5 29.8 44.6



#16
Acetone
Concen: 233.355 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 43 Resp: 68279
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

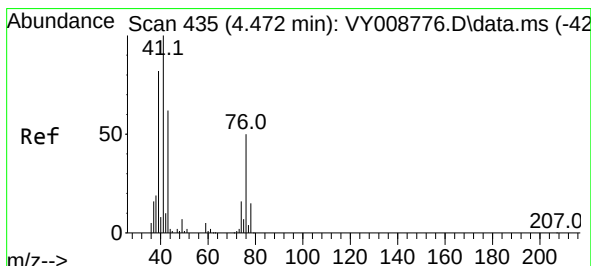
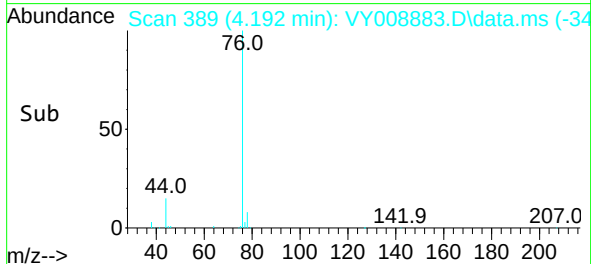
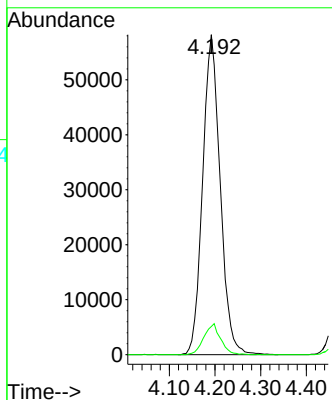
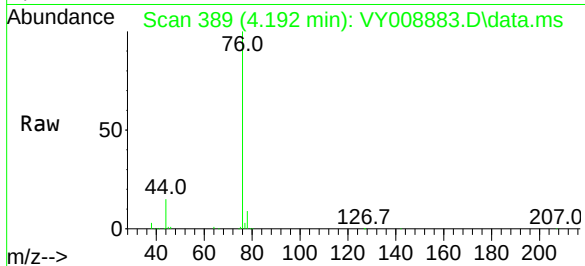




#17
Carbon Disulfide
Concen: 50.931 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

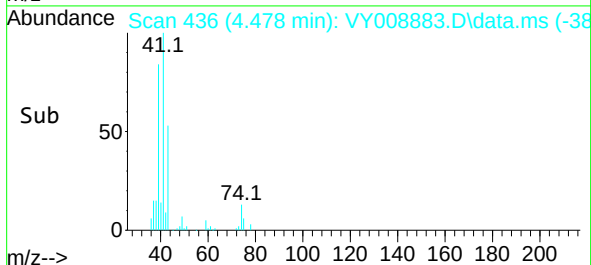
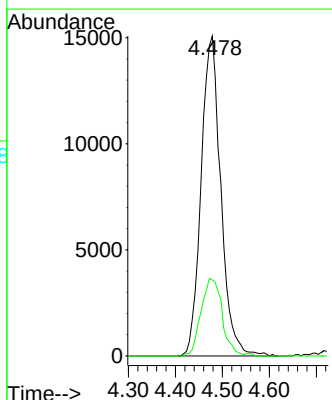
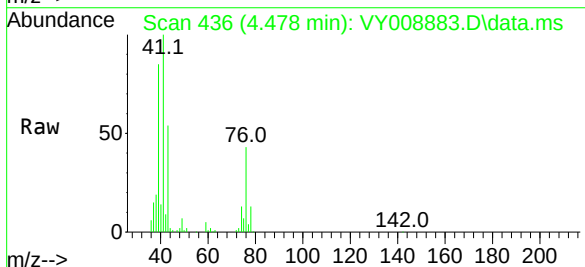
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

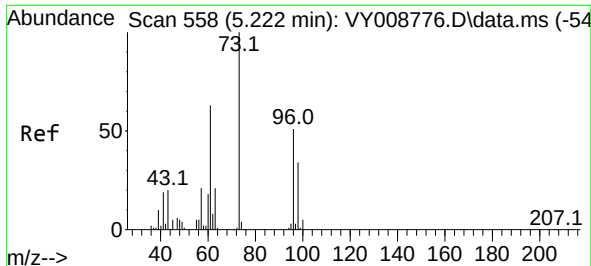
Tgt Ion: 76 Resp: 155317
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 47.165 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 43 Resp: 43848
Ion Ratio Lower Upper
43 100
74 25.8 16.6 24.8#

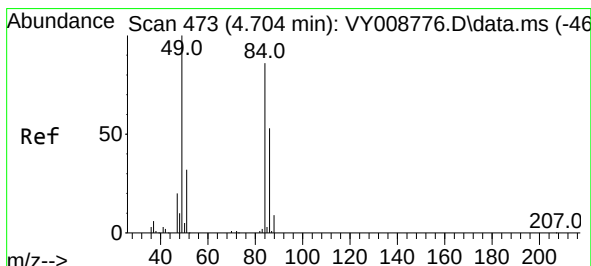
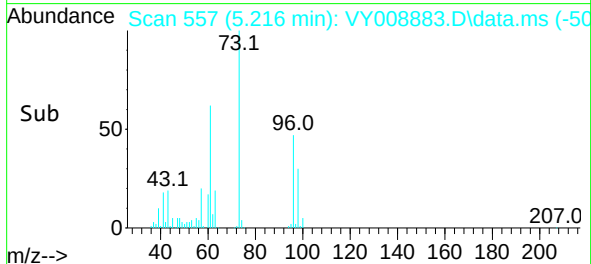
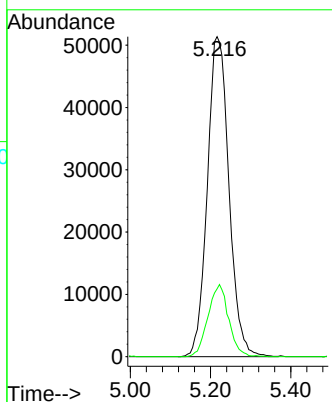
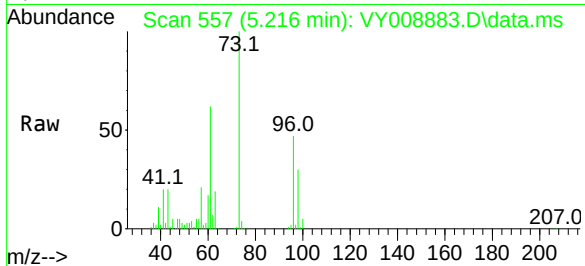




#19
Methyl tert-butyl Ether
Concen: 59.891 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

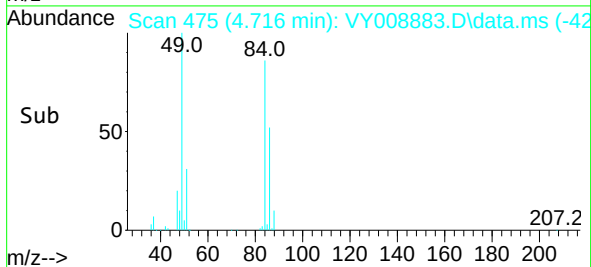
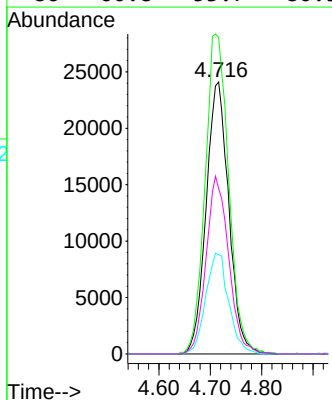
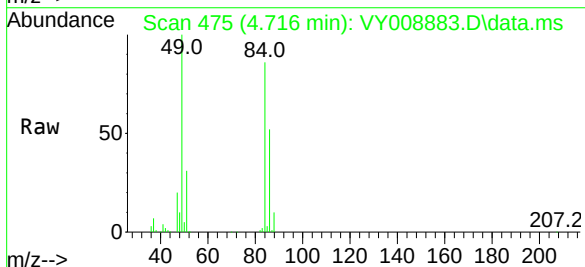
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

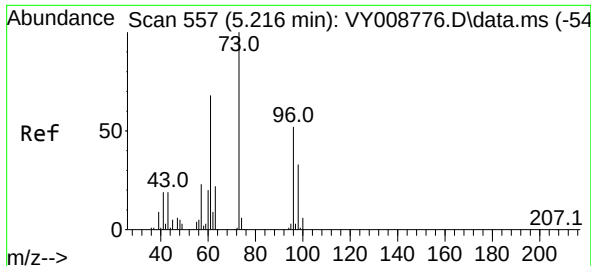
Tgt Ion: 73 Resp: 192030
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8



#20
Methylene Chloride
Concen: 55.864 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

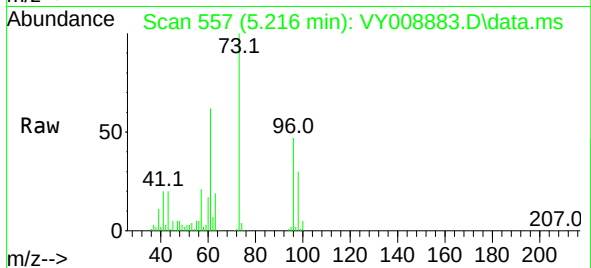
Tgt Ion: 84 Resp: 73910
Ion Ratio Lower Upper
84 100
49 116.3 114.4 171.6
51 36.5 35.3 52.9
86 60.8 53.7 80.5



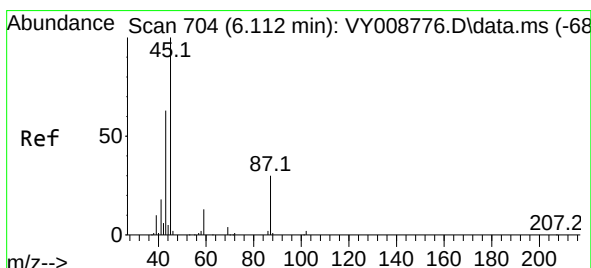
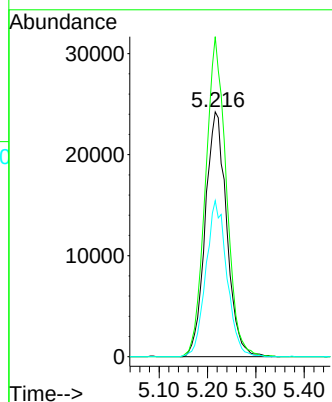
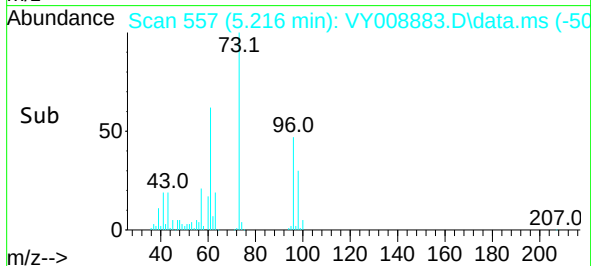


#21
trans-1,2-Dichloroethene
Concen: 51.095 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

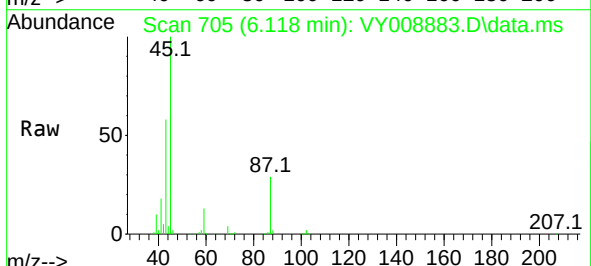
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



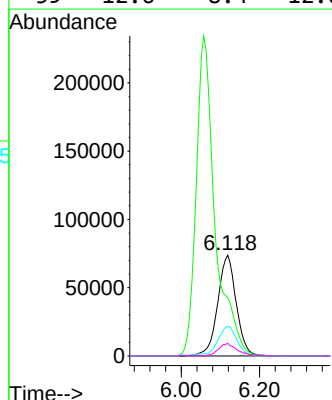
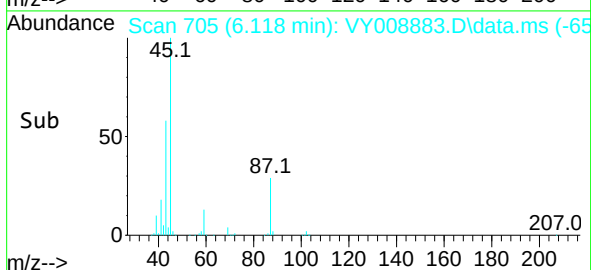
Tgt Ion: 96 Resp: 74585
Ion Ratio Lower Upper
96 100
61 130.7 120.5 180.7
98 63.7 49.8 74.8

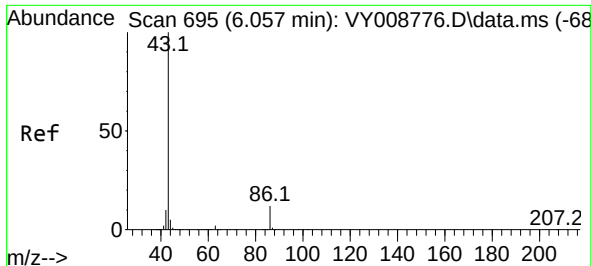


#22
Diisopropyl ether
Concen: 65.439 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13



Tgt Ion: 45 Resp: 242685
Ion Ratio Lower Upper
45 100
43 57.8 49.3 73.9
87 29.1 19.2 28.8#
59 12.6 8.4 12.6

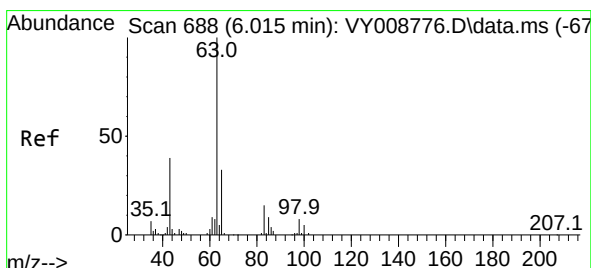
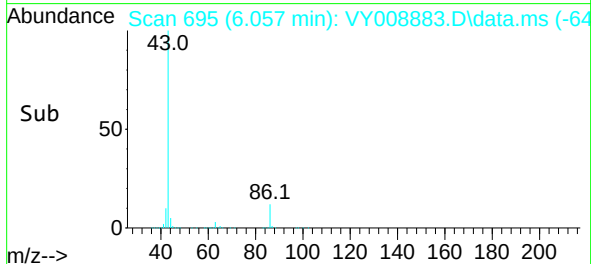
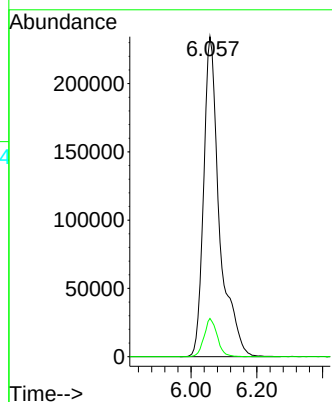
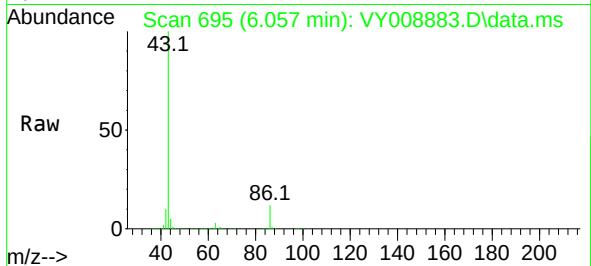




#23
 Vinyl Acetate
 Concen: 300.209 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

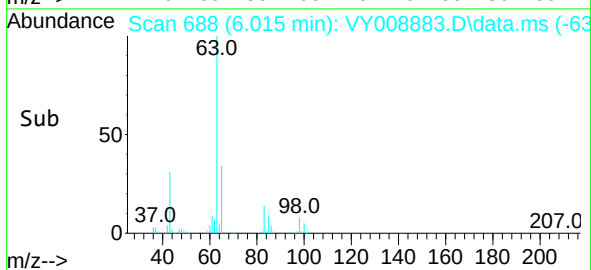
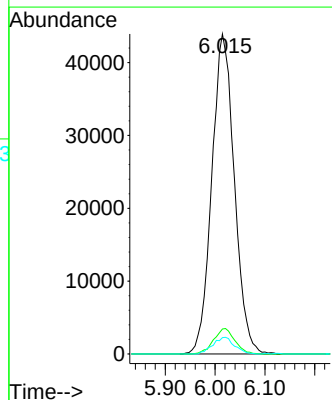
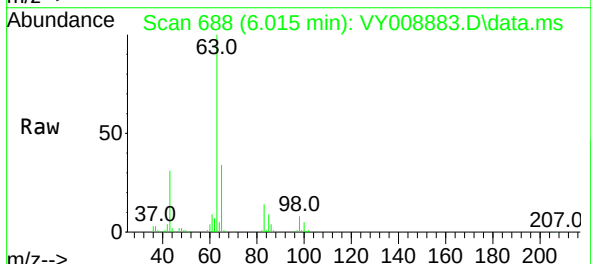
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

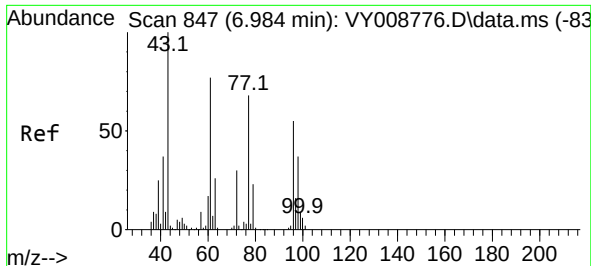
Tgt Ion: 43 Resp: 784992
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 56.104 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

Tgt Ion: 63 Resp: 138061
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.1 2.0 5.8

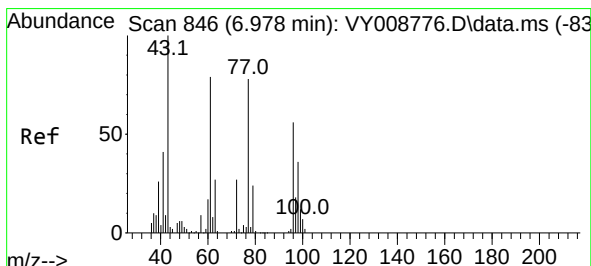
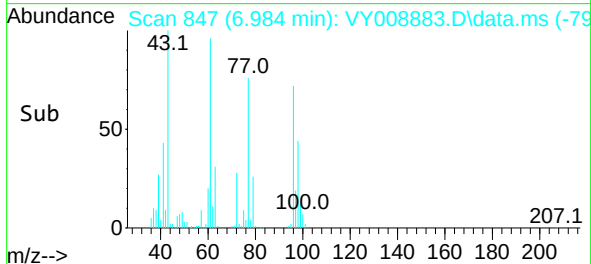
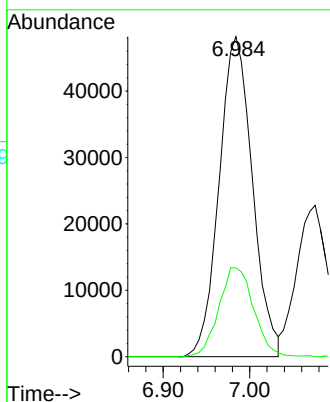
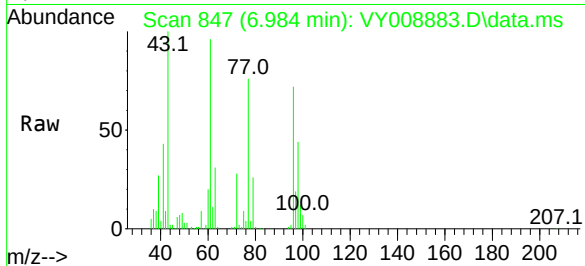




#25
2-Butanone
Concen: 235.577 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

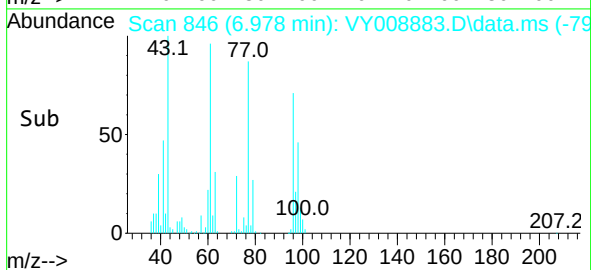
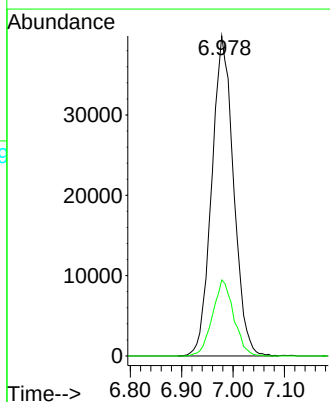
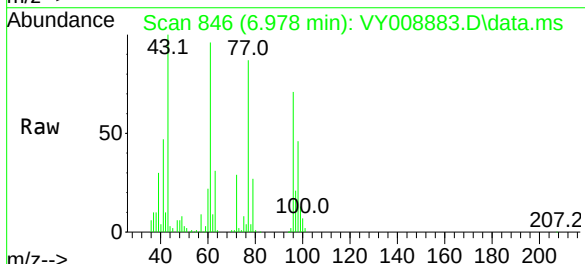
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

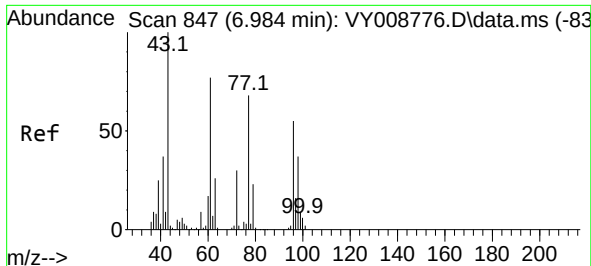
Tgt Ion: 43 Resp: 128679
Ion Ratio Lower Upper
43 100
72 27.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 50.308 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 77 Resp: 117664
Ion Ratio Lower Upper
77 100
97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 56.982 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

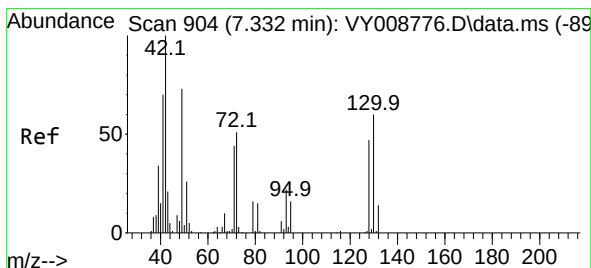
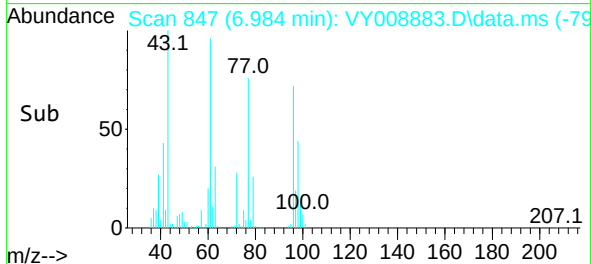
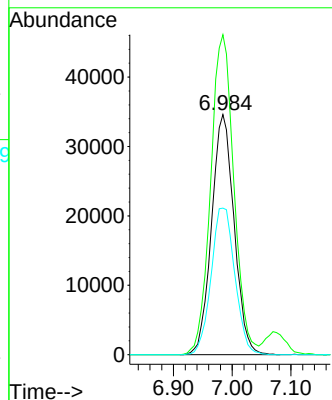
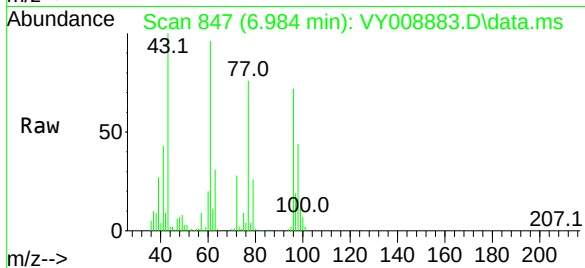
Tgt Ion: 96 Resp: 92257

Ion Ratio Lower Upper

96 100

61 137.4 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 52.654 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

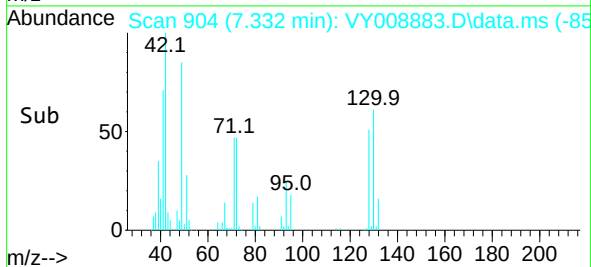
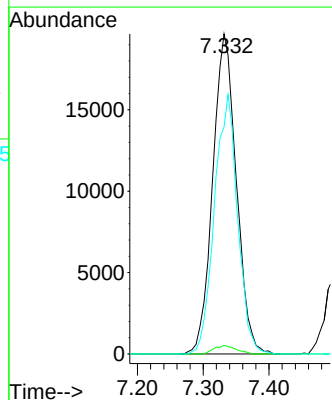
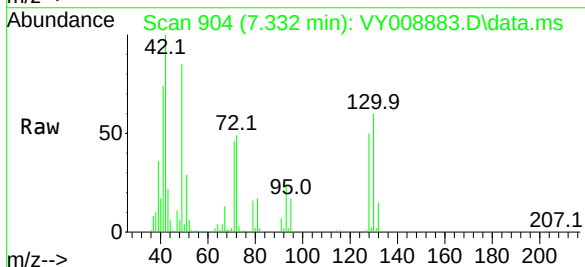
Tgt Ion: 49 Resp: 49123

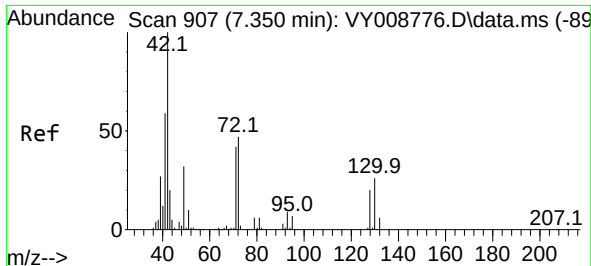
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 79.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 238.418 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

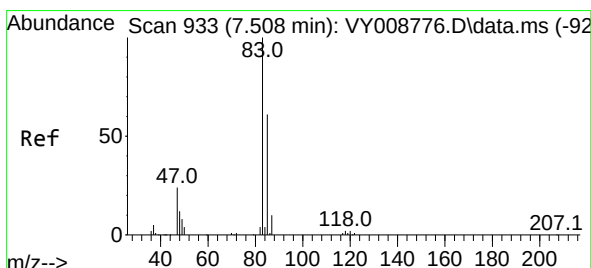
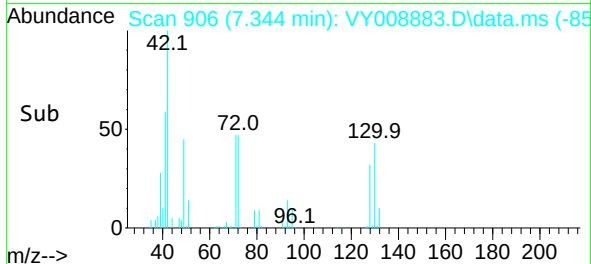
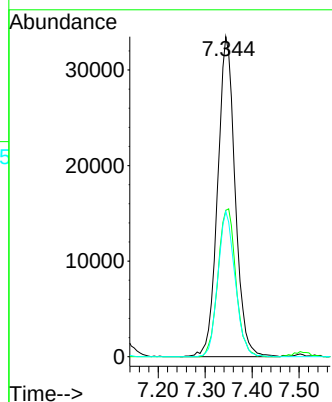
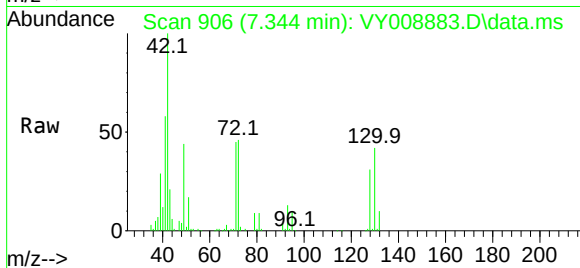
Tgt Ion: 42 Resp: 86754

Ion Ratio Lower Upper

42 100

72 47.2 30.3 45.5#

71 44.7 29.0 43.4#



#30

Chloroform

Concen: 57.453 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY008883.D

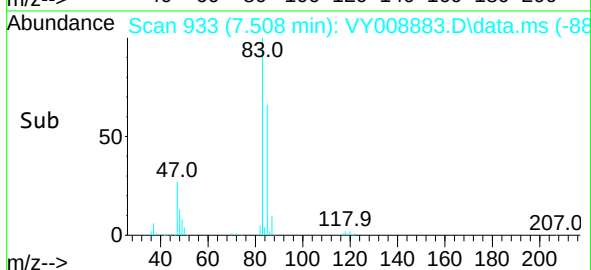
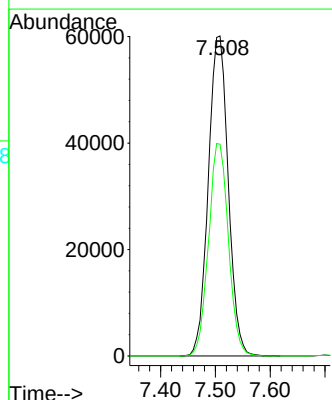
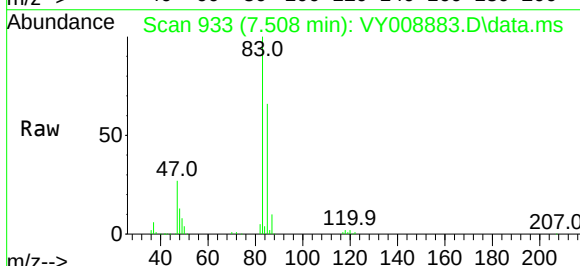
Acq: 19 May 2022 21:13

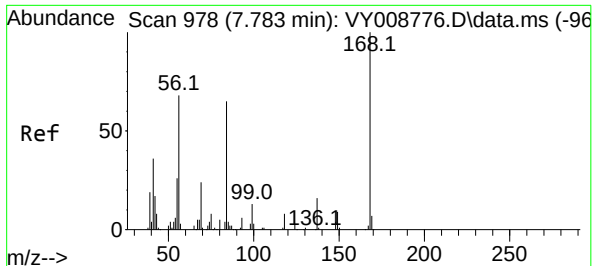
Tgt Ion: 83 Resp: 151581

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

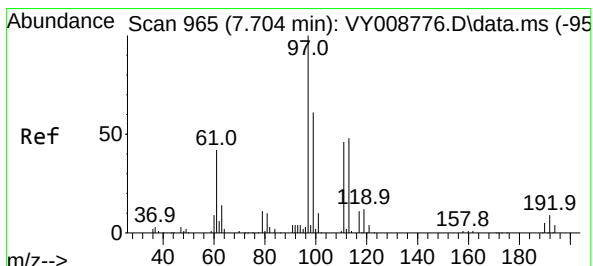
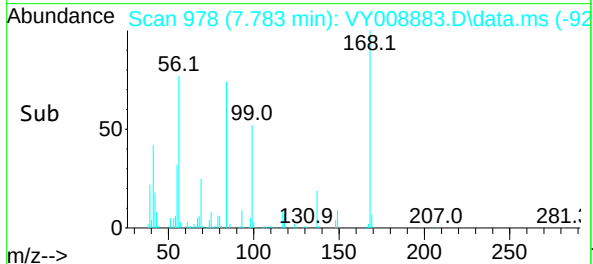
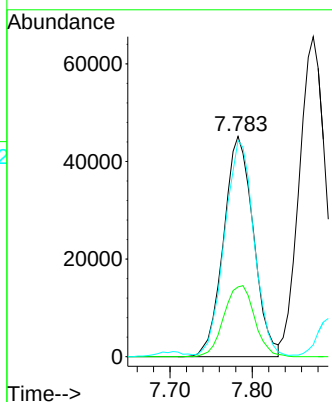
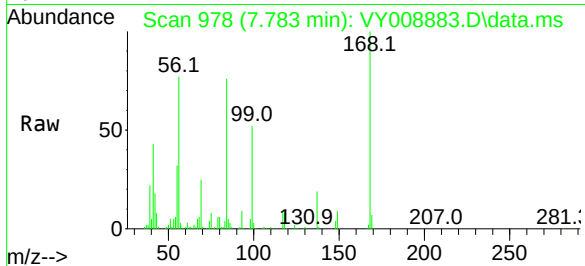




#31
Cyclohexane
Concen: 55.819 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

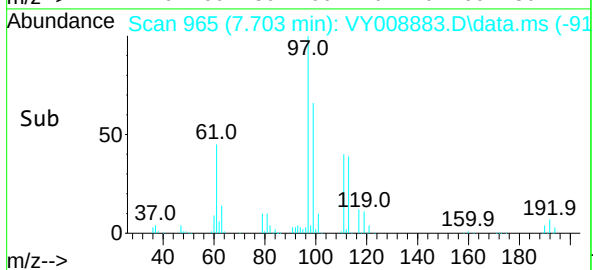
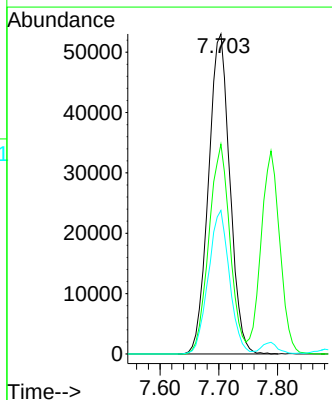
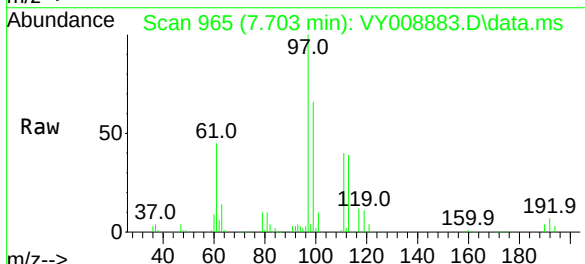
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

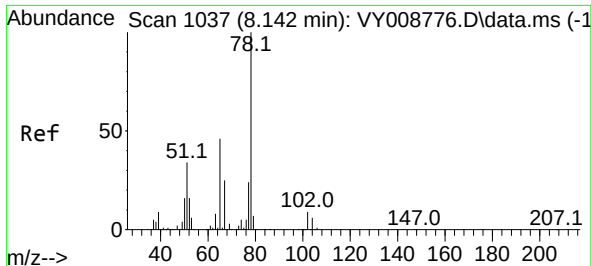
Tgt Ion: 56 Resp: 114025
Ion Ratio Lower Upper
56 100
69 31.7 26.7 40.1
84 96.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 54.690 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 97 Resp: 133780
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 44.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 53.805 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

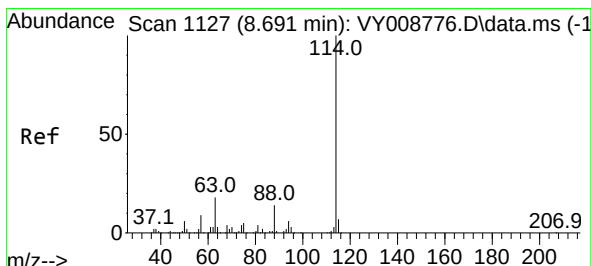
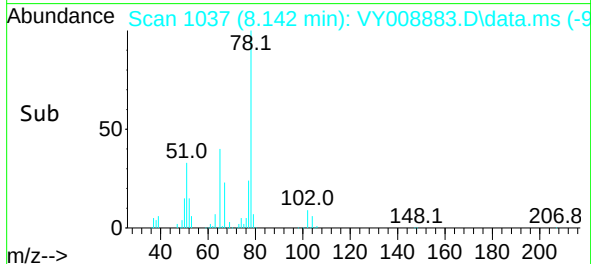
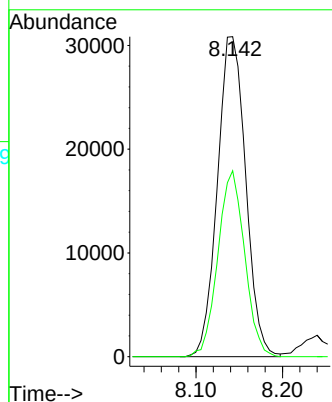
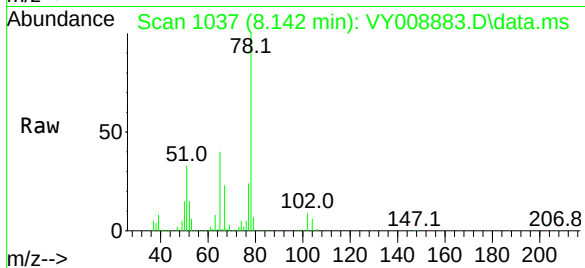
VSTDCCC050EC

Tgt Ion: 65 Resp: 70033

Ion Ratio Lower Upper

65 100

67 54.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

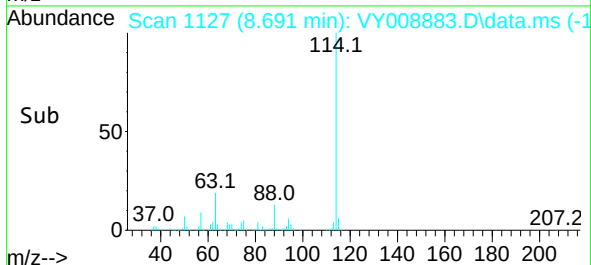
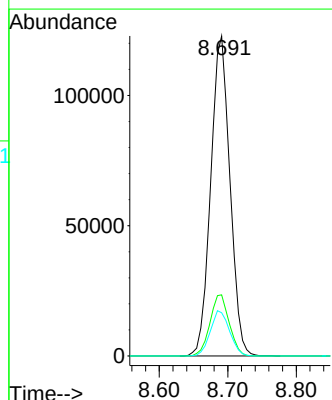
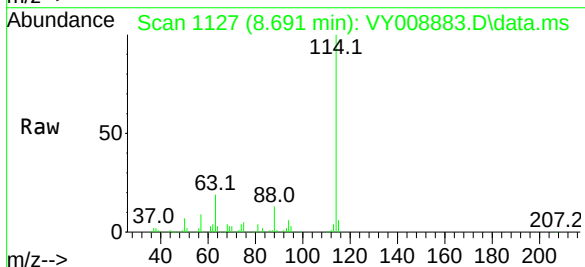
Tgt Ion: 114 Resp: 239344

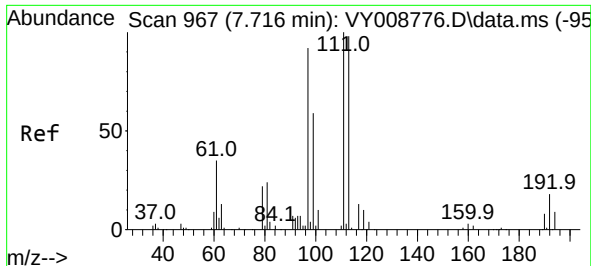
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.5 0.0 31.8

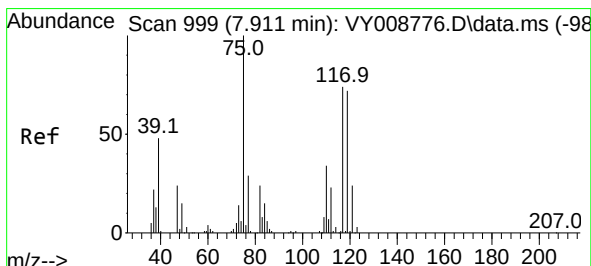
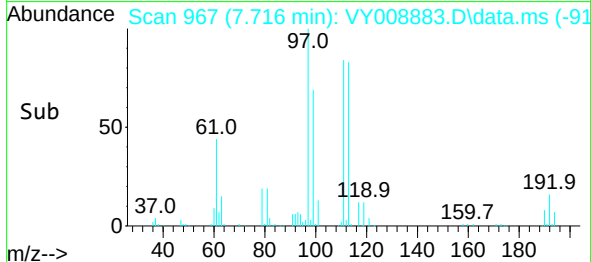
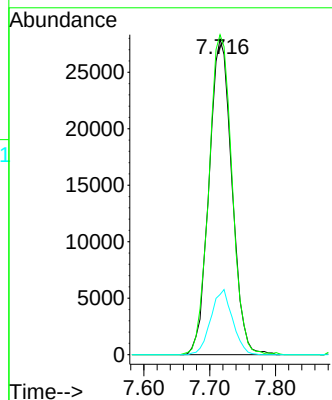
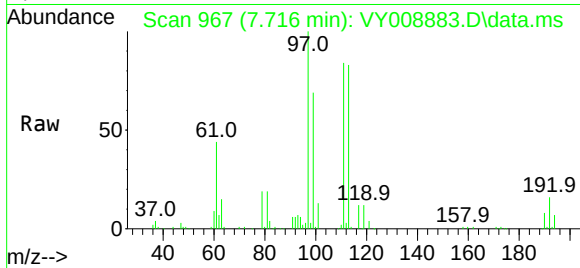




#35
Dibromofluoromethane
Concen: 48.280 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

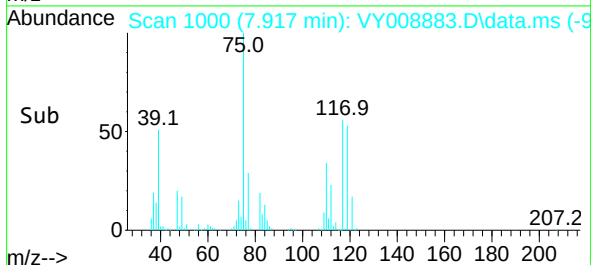
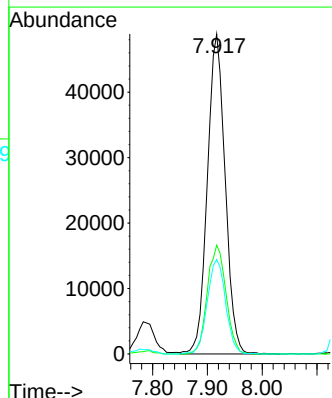
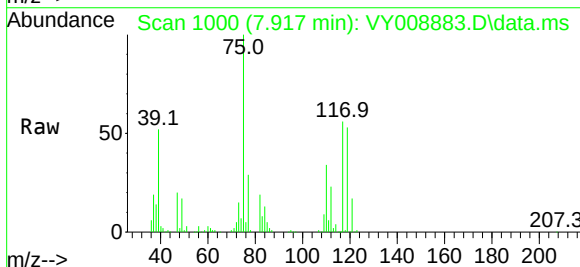
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

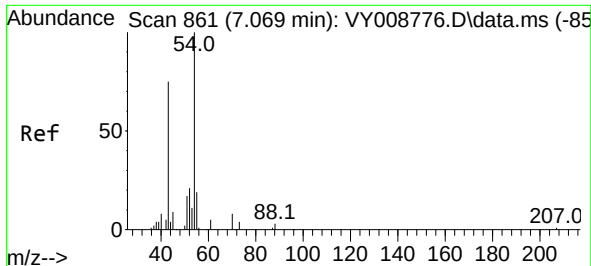
Tgt Ion:113 Resp: 67516
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.109 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 75 Resp: 109992
Ion Ratio Lower Upper
75 100
110 35.6 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 44.475 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

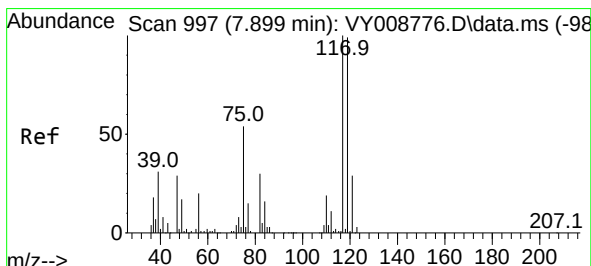
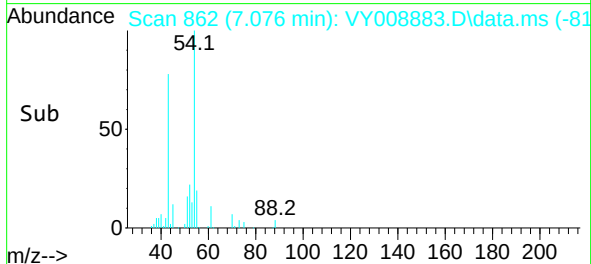
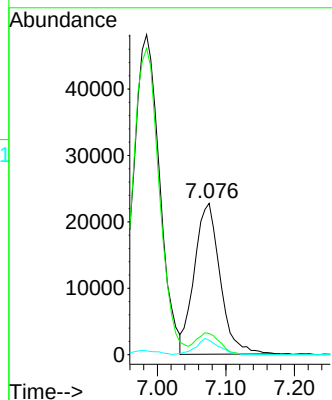
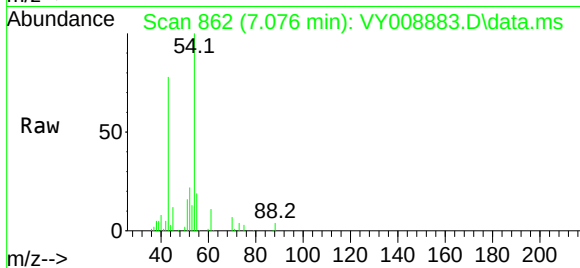
Tgt Ion: 43 Resp: 59362

Ion Ratio Lower Upper

43 100

61 13.7 9.7 14.5

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.462 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

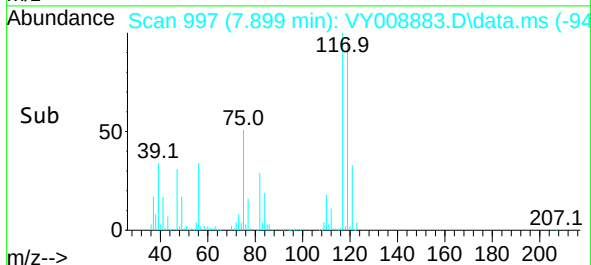
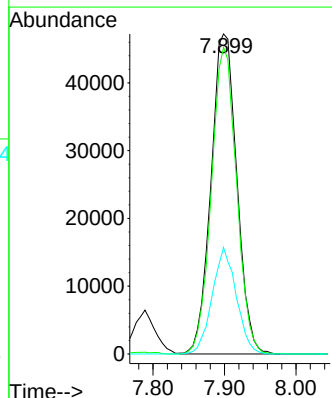
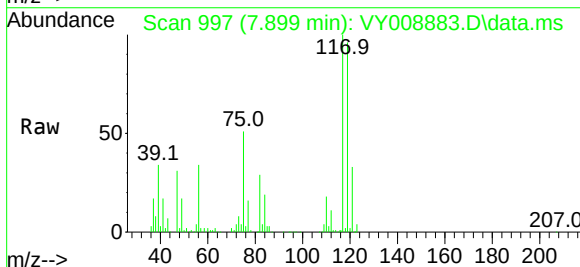
Tgt Ion: 117 Resp: 118727

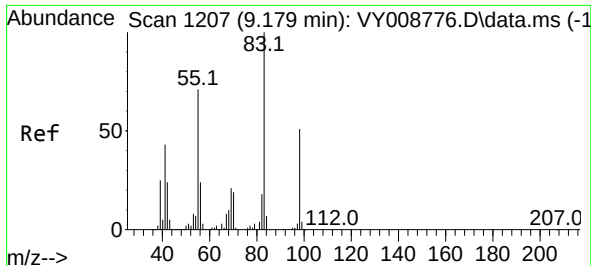
Ion Ratio Lower Upper

117 100

119 95.8 77.9 116.9

121 33.3 24.8 37.2

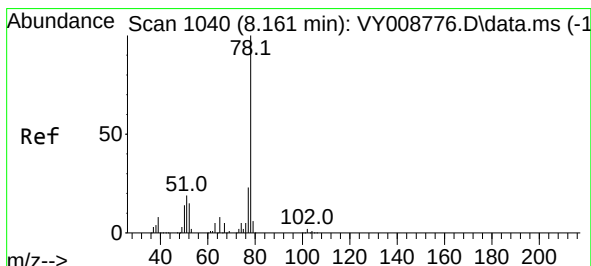
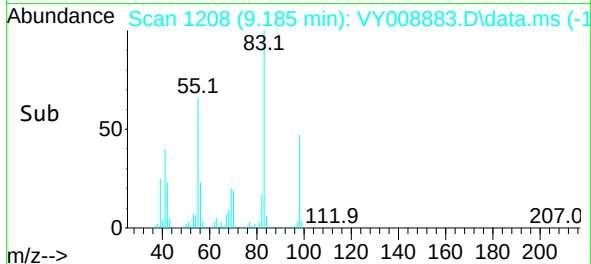
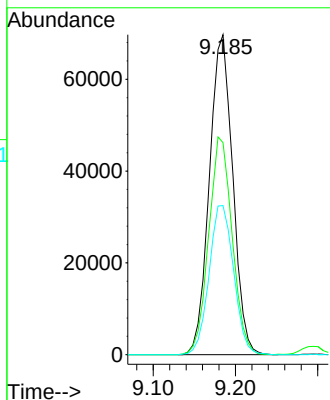
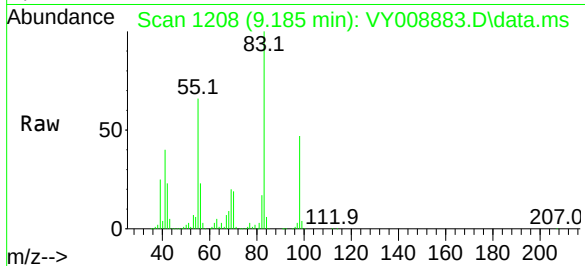




#39
Methylcyclohexane
Concen: 51.772 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

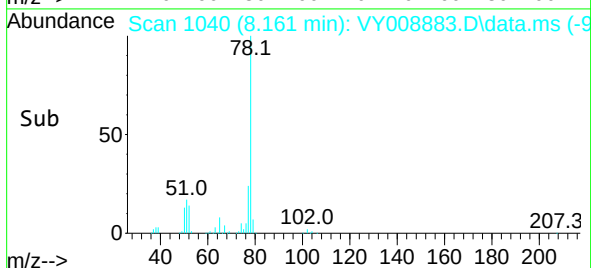
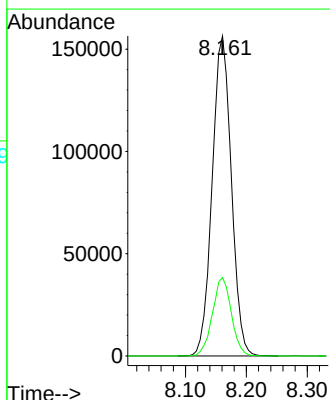
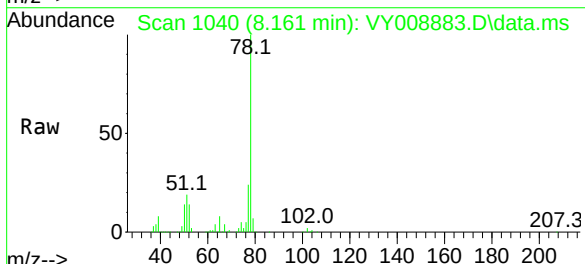
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

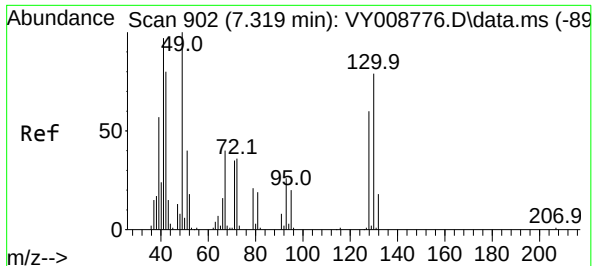
Tgt Ion: 83 Resp: 137513
Ion Ratio Lower Upper
83 100
55 66.2 66.5 99.7#
98 46.6 37.9 56.9



#40
Benzene
Concen: 54.433 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 78 Resp: 341137
Ion Ratio Lower Upper
78 100
77 24.5 20.4 30.6

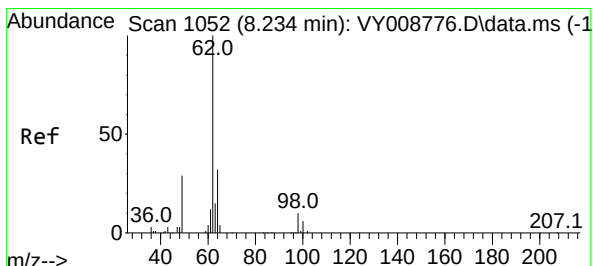
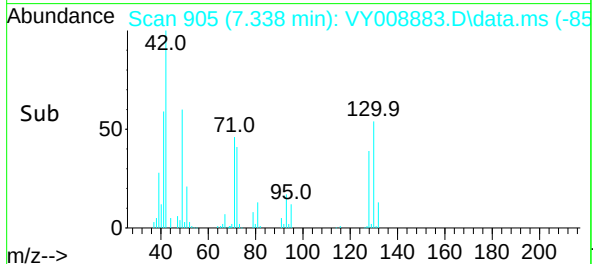
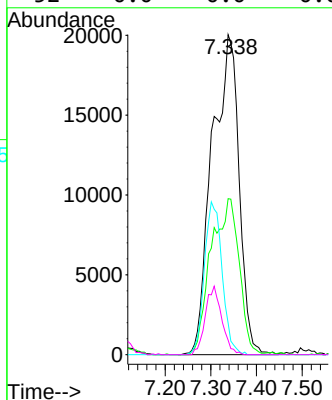
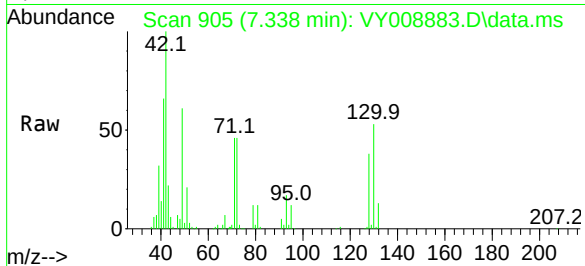




#41
Methacrylonitrile
Concen: 116.791 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

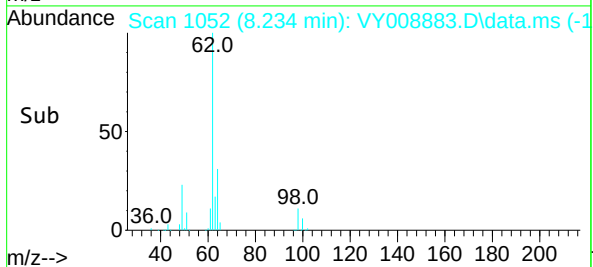
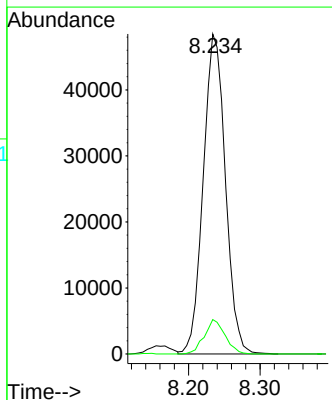
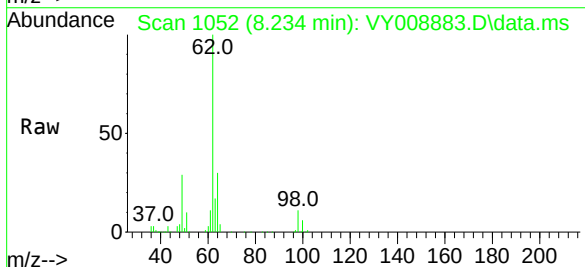
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

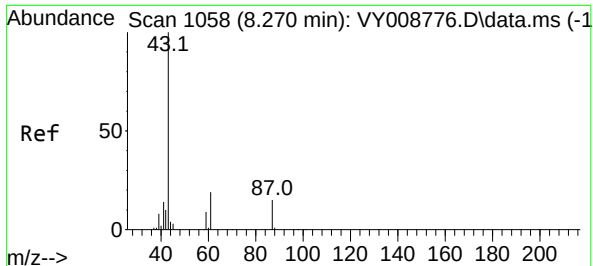
Tgt Ion: 41 Resp: 81978
Ion Ratio Lower Upper
41 100
39 51.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.708 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 62 Resp: 104322
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 53.295 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

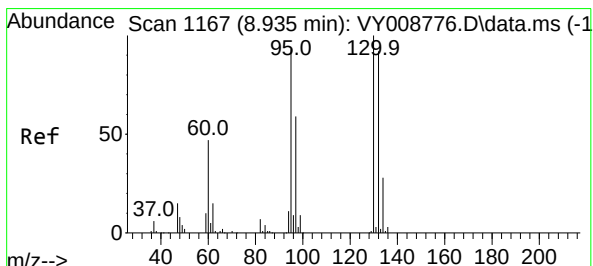
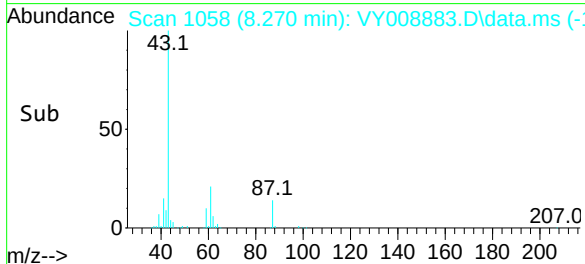
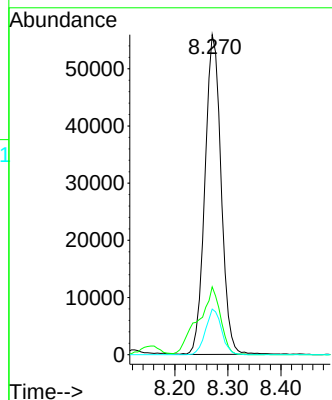
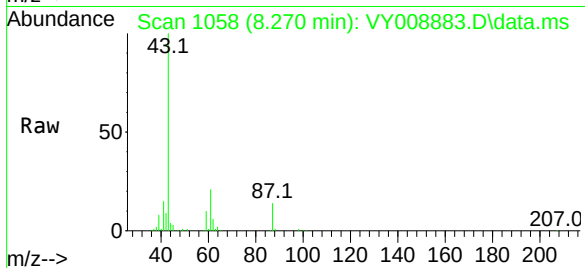
Tgt Ion: 43 Resp: 118417

Ion Ratio Lower Upper

43 100

61 29.1 20.2 30.2

87 14.0 8.9 13.3#



#44

Trichloroethene

Concen: 52.016 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY008883.D

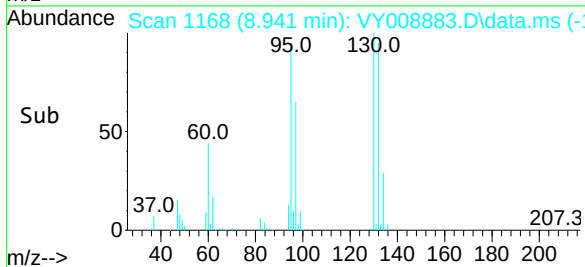
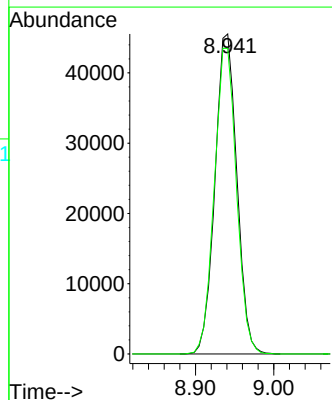
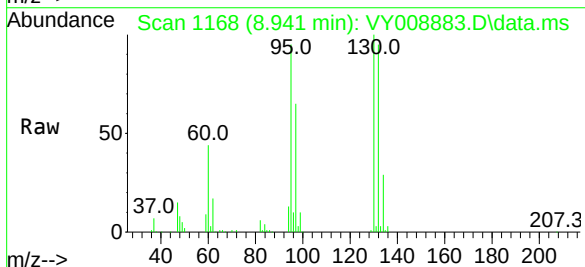
Acq: 19 May 2022 21:13

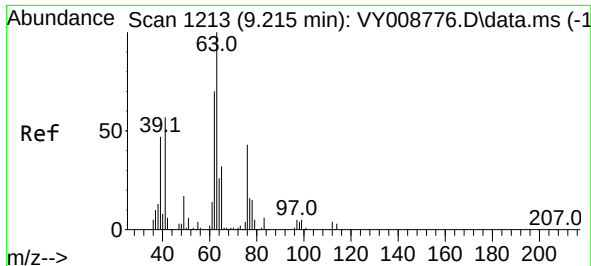
Tgt Ion:130 Resp: 88677

Ion Ratio Lower Upper

130 100

95 95.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 58.240 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

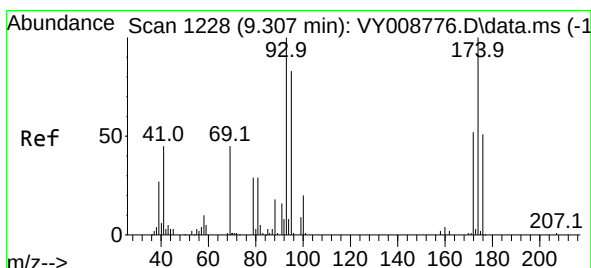
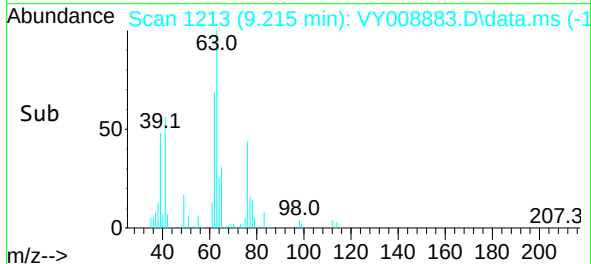
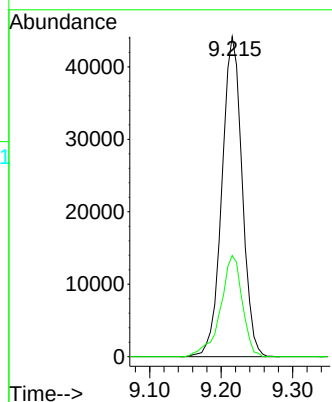
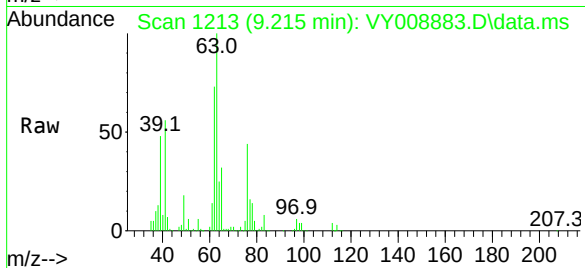
VSTDCCC050EC

Tgt Ion: 63 Resp: 86745

Ion Ratio Lower Upper

63 100

65 31.6 23.0 34.6



#46

Dibromomethane

Concen: 55.089 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

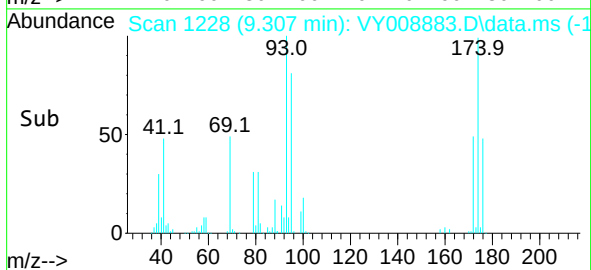
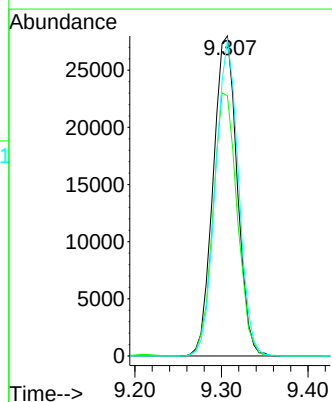
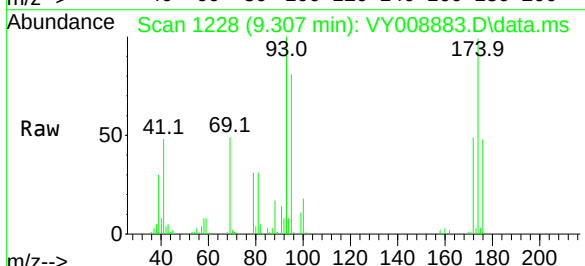
Tgt Ion: 93 Resp: 53916

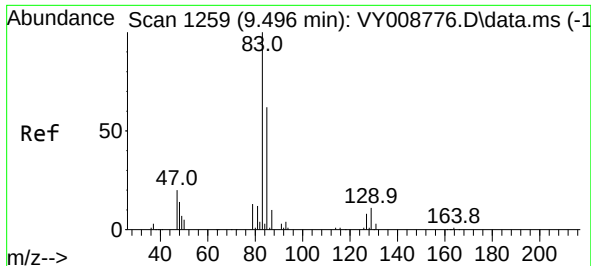
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 94.8 83.4 125.0

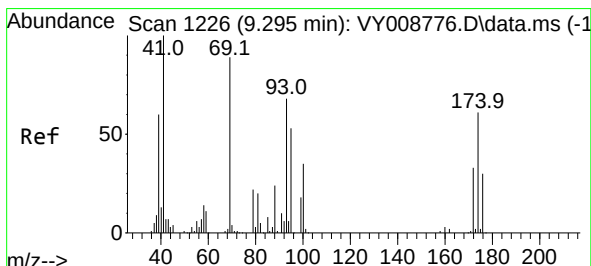
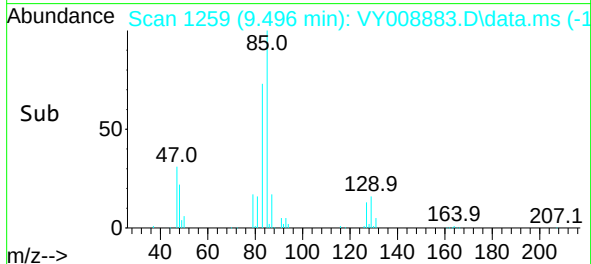
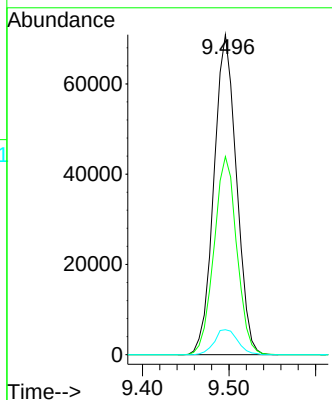
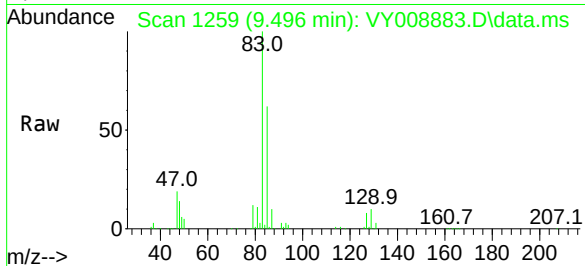




#47
Bromodichloromethane
Concen: 59.165 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

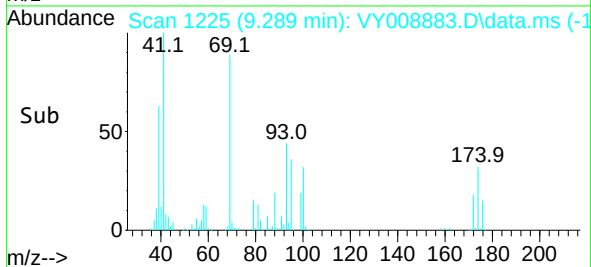
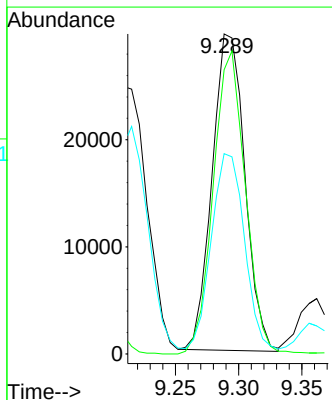
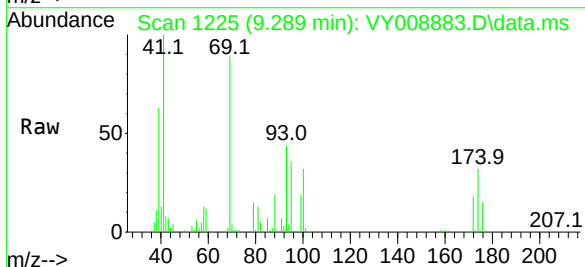
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

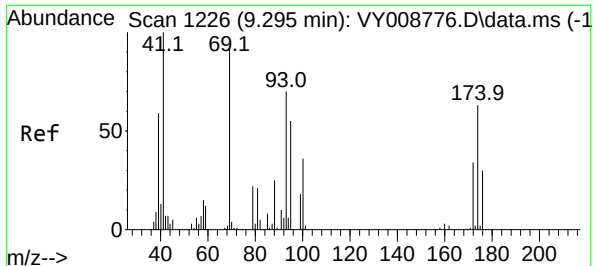
Tgt Ion: 83 Resp: 128370
Ion Ratio Lower Upper
83 100
85 61.9 51.9 77.9
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 54.499 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 41 Resp: 53171
Ion Ratio Lower Upper
41 100
69 94.1 58.2 87.2#
39 65.0 47.4 71.0





#49

1,4-Dioxane

Concen: 948.328 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

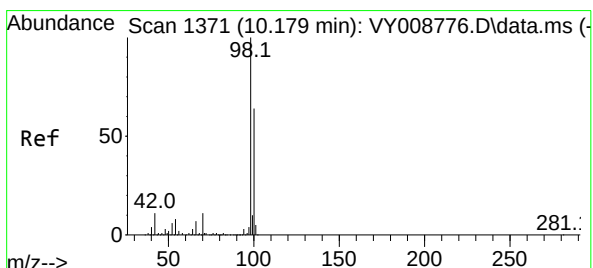
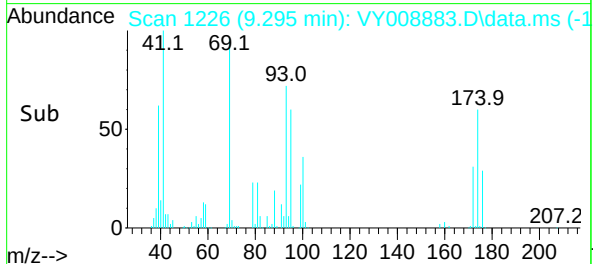
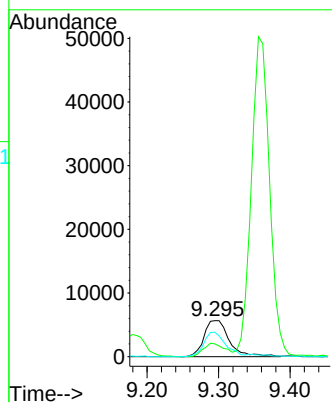
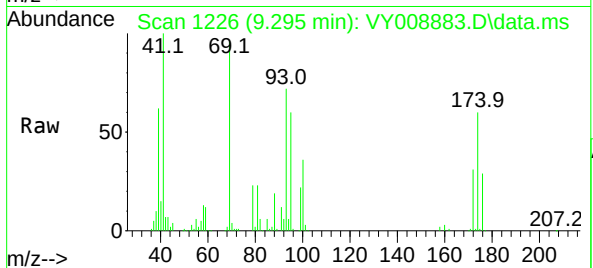
Tgt Ion: 88 Resp: 13941

Ion Ratio Lower Upper

88 100

43 31.7 32.8 49.2#

58 59.0 59.8 89.6#



#50

Toluene-d8

Concen: 45.817 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008883.D

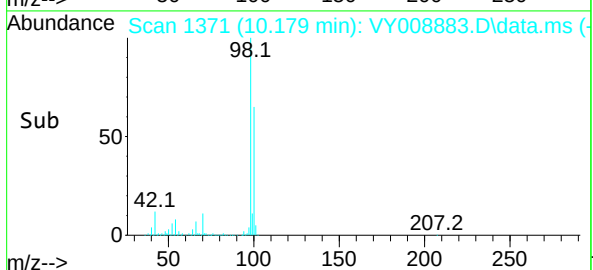
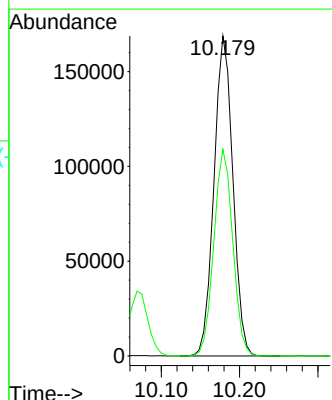
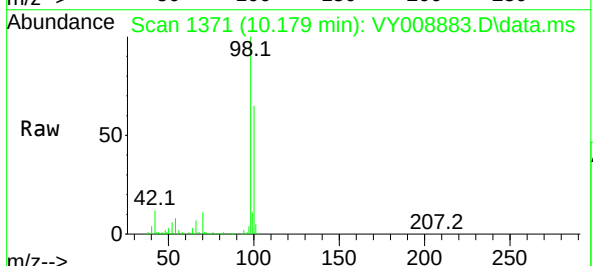
Acq: 19 May 2022 21:13

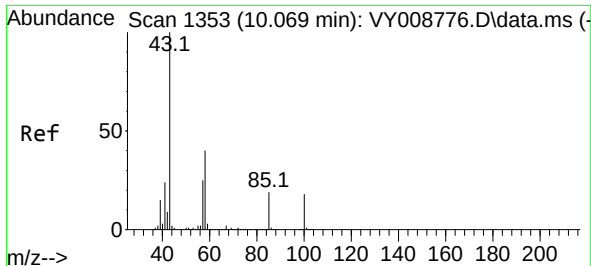
Tgt Ion: 98 Resp: 283035

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2

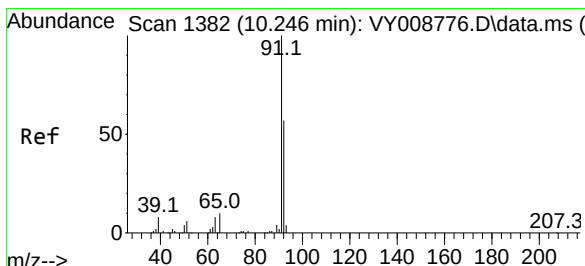
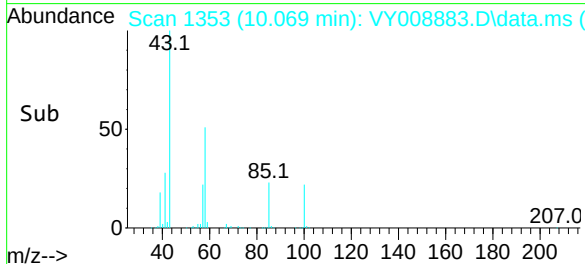
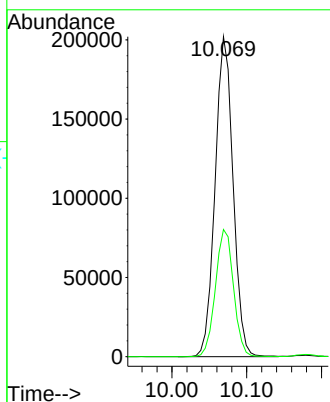
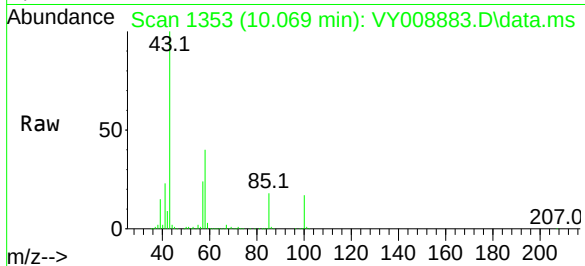




#51
4-Methyl-2-Pentanone
Concen: 257.474 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

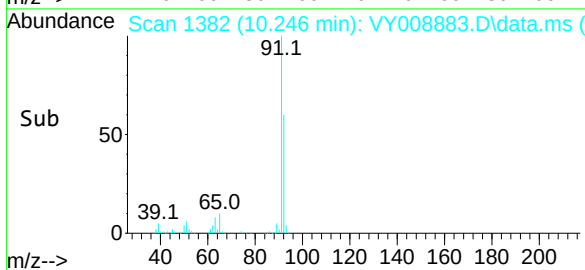
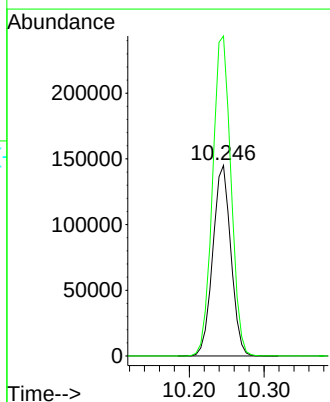
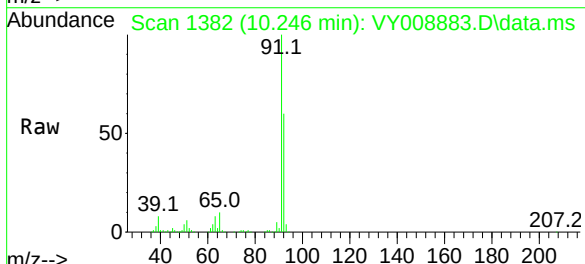
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

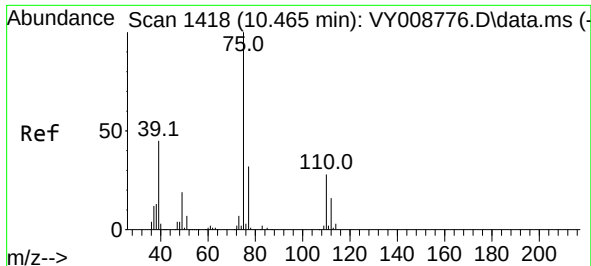
Tgt Ion: 43 Resp: 337728
Ion Ratio Lower Upper
43 100
58 40.1 28.1 42.1



#52
Toluene
Concen: 57.214 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 92 Resp: 243649
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8

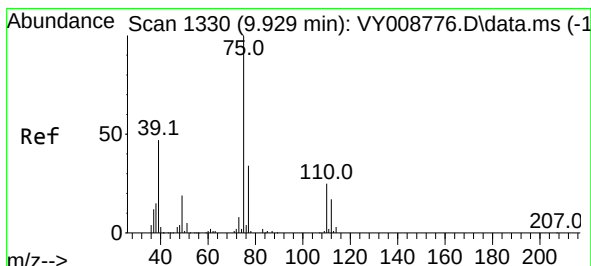
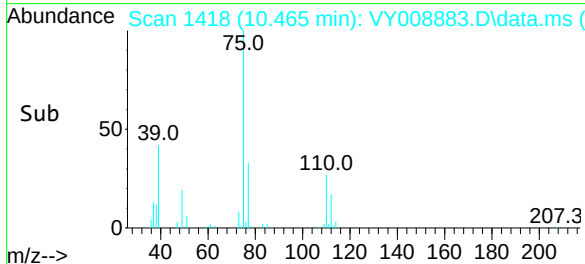
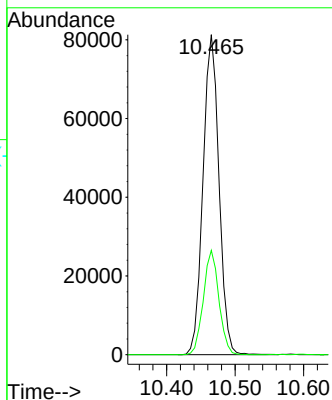
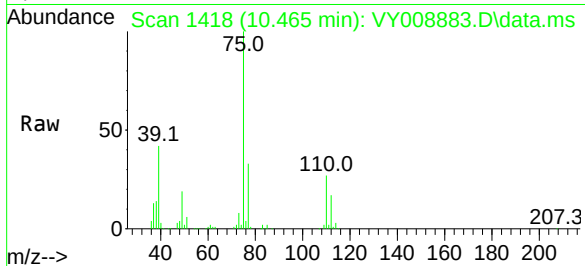




#53
t-1,3-Dichloropropene
Concen: 58.524 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

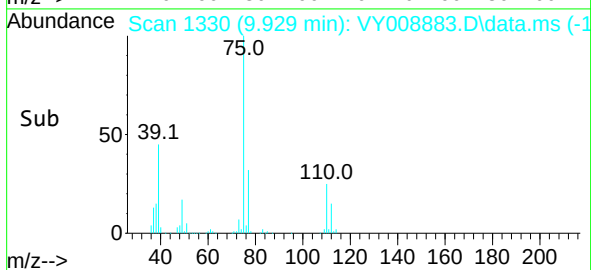
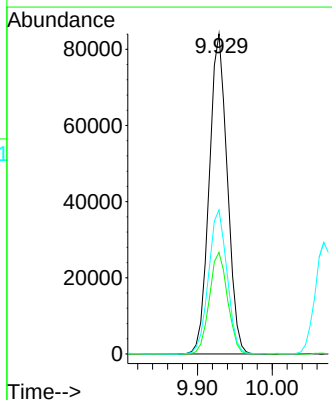
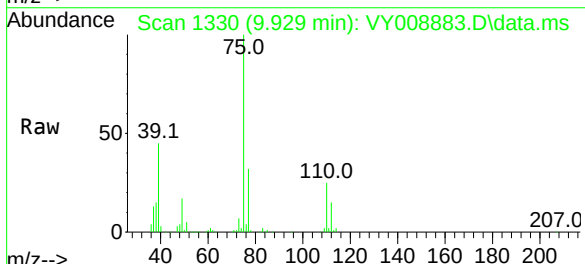
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

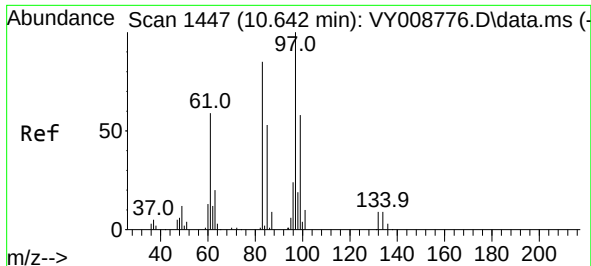
Tgt Ion: 75 Resp: 131892
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 58.132 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 75 Resp: 141274
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 45.1 47.6 71.4#

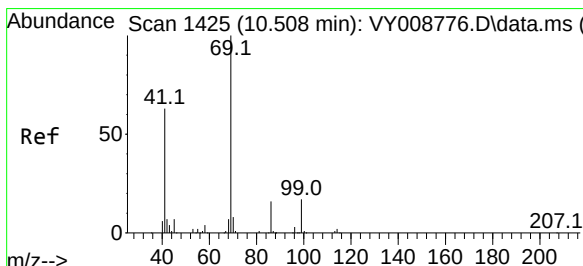
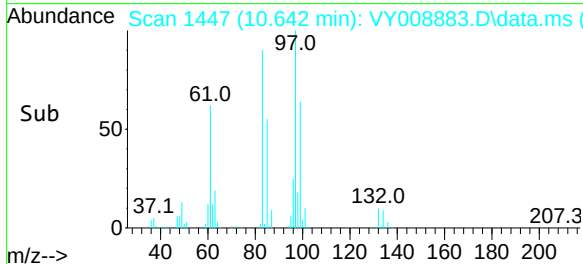
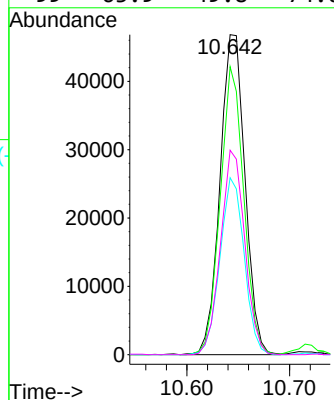
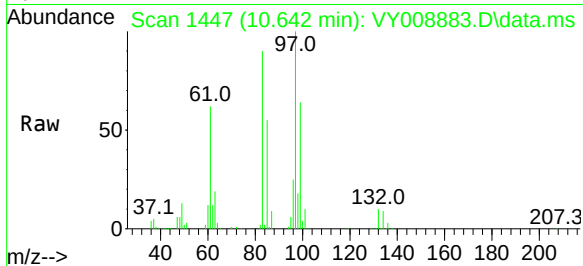




#55
1,1,2-Trichloroethane
Concen: 59.485 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

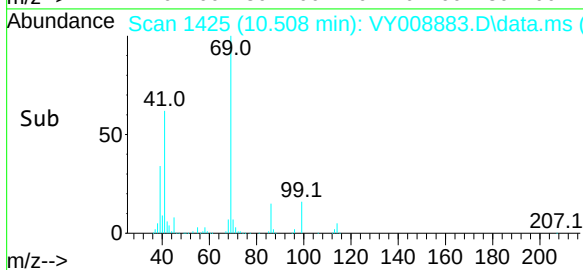
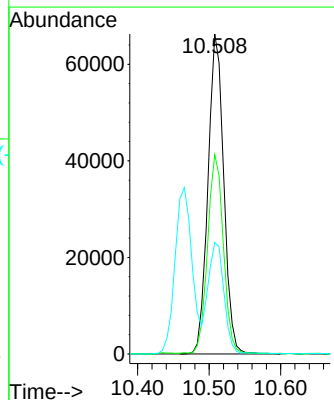
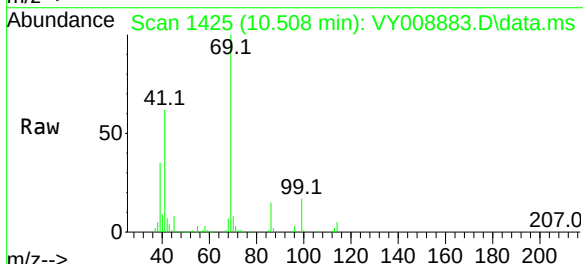
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

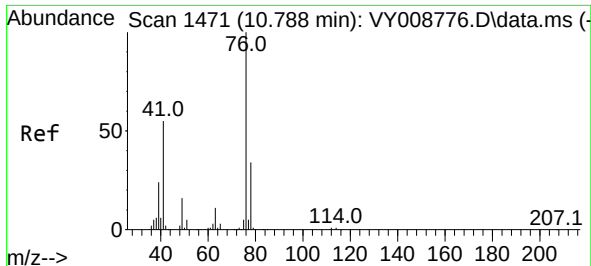
Tgt Ion:	97	Resp:	79168
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.8	104.8
85	55.3	44.3	66.5
99	63.9	49.8	74.6



#56
Ethyl methacrylate
Concen: 62.888 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:	69	Resp:	101547
Ion	Ratio	Lower	Upper
69	100		
41	62.2	63.4	95.0#
39	35.4	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 59.452 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

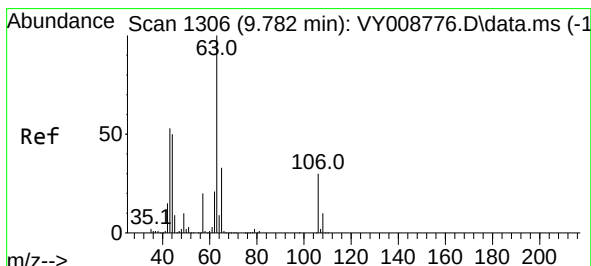
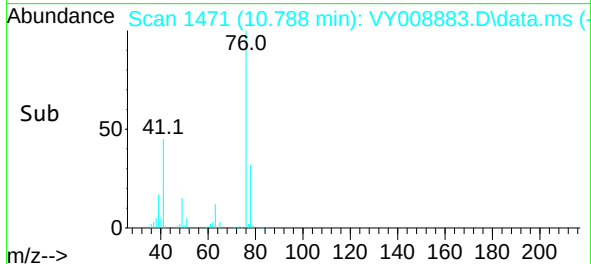
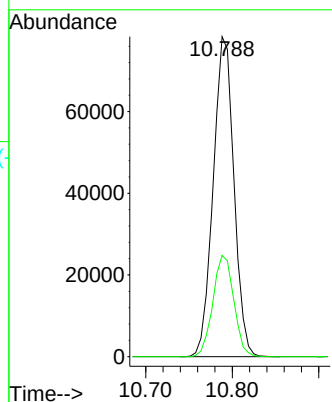
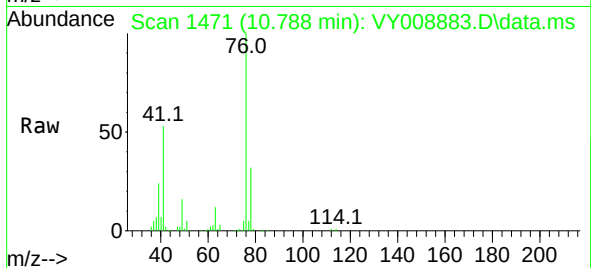
VSTDCCC050EC

Tgt Ion: 76 Resp: 130104

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 274.648 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008883.D

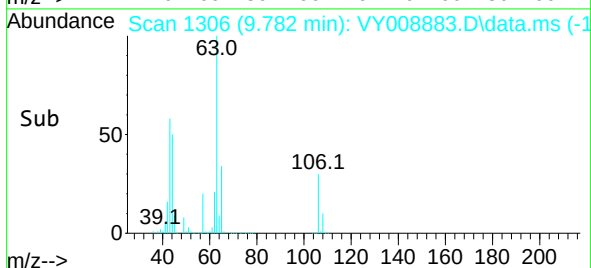
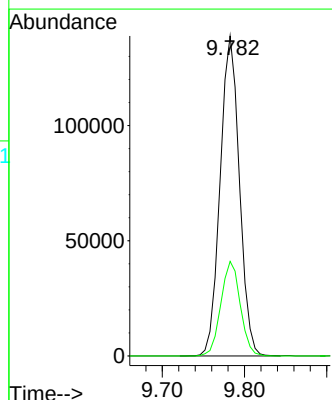
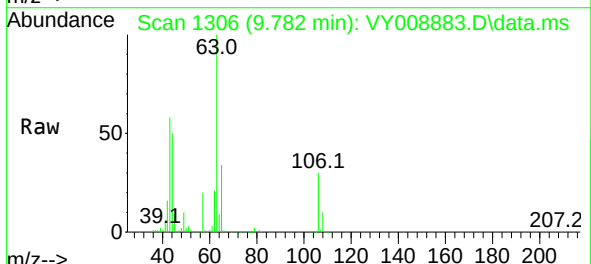
Acq: 19 May 2022 21:13

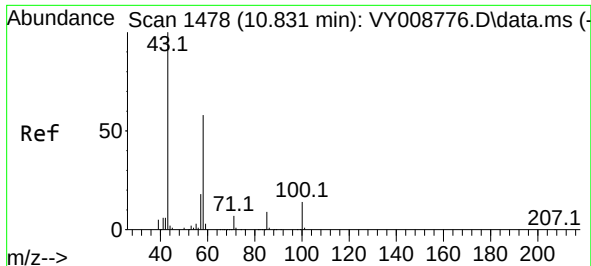
Tgt Ion: 63 Resp: 226145

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

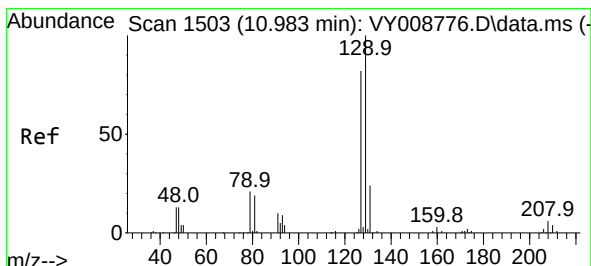
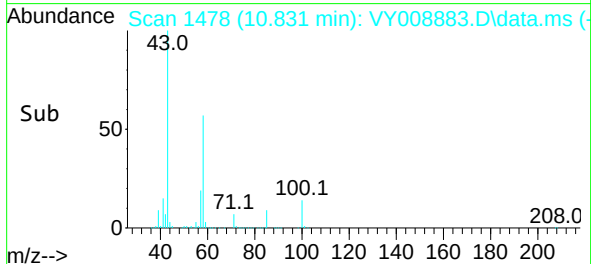
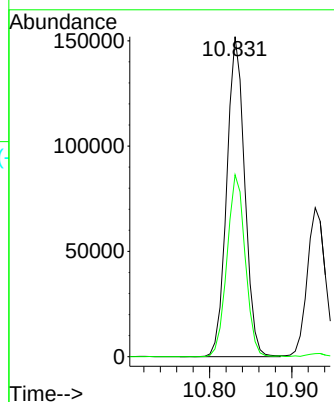
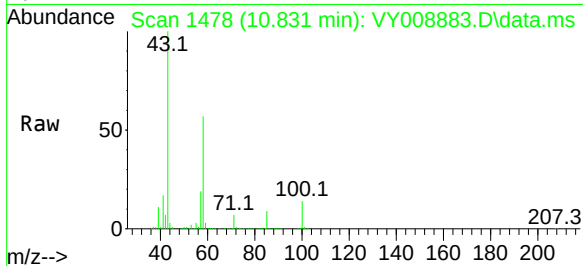




#59
2-Hexanone
Concen: 245.759 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

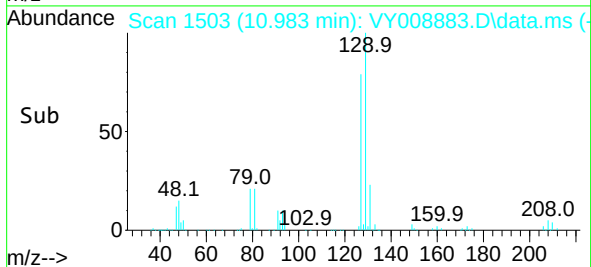
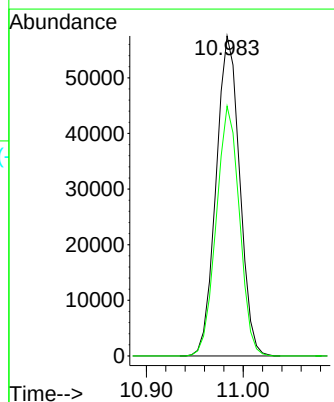
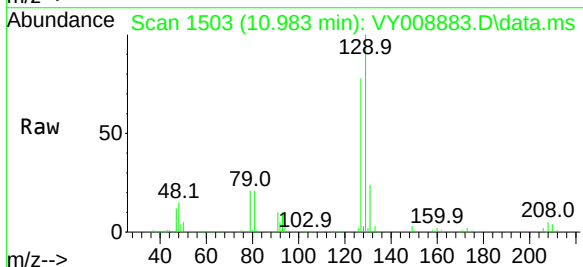
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

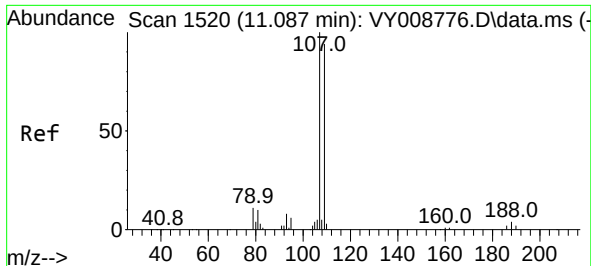
Tgt Ion: 43 Resp: 230330
Ion Ratio Lower Upper
43 100
58 57.7 24.4 73.4



#60
Dibromochloromethane
Concen: 60.937 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 129 Resp: 97360
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

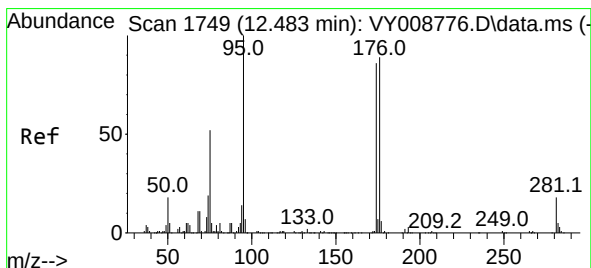
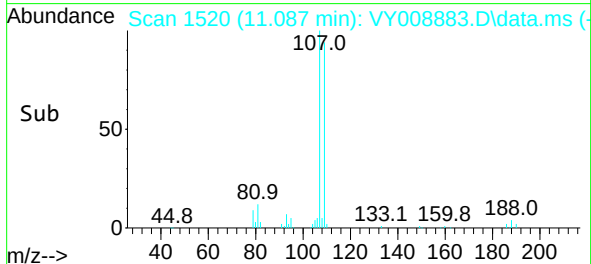
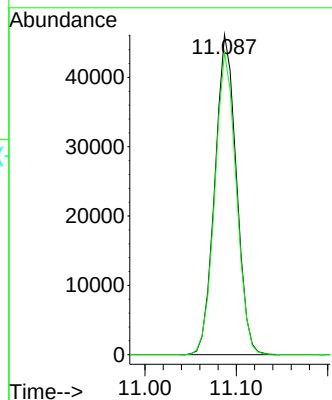
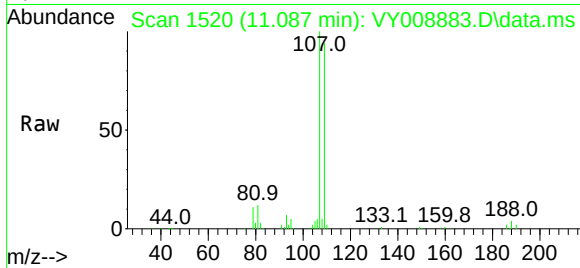




#61
1,2-Dibromoethane
Concen: 56.707 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

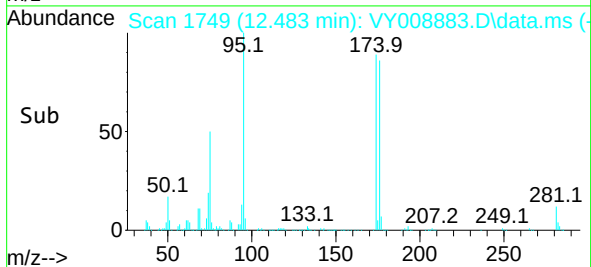
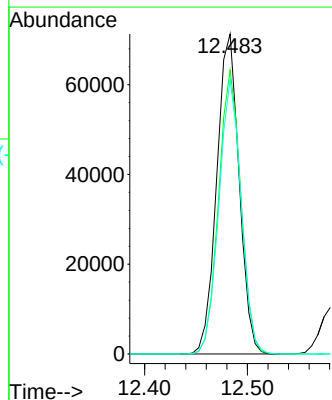
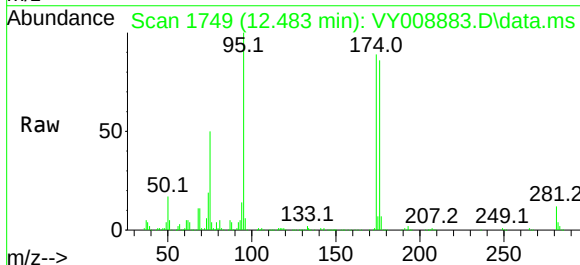
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

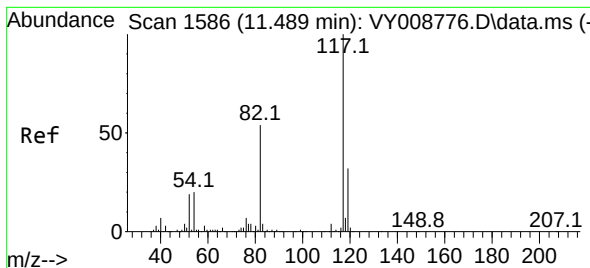
Tgt Ion:107 Resp: 75264
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 95 Resp: 107492
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 85.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

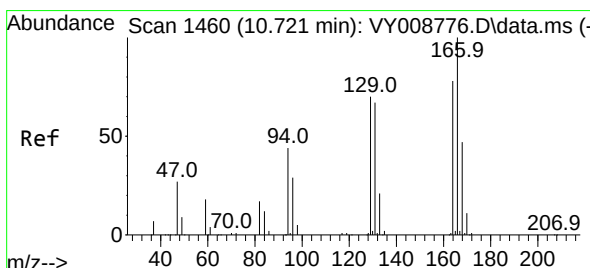
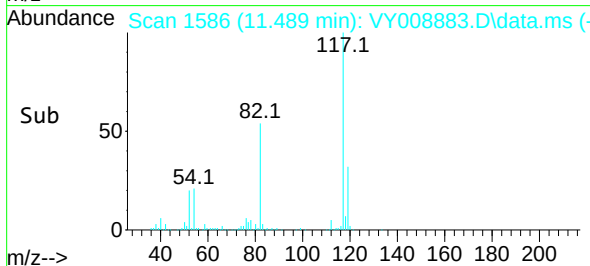
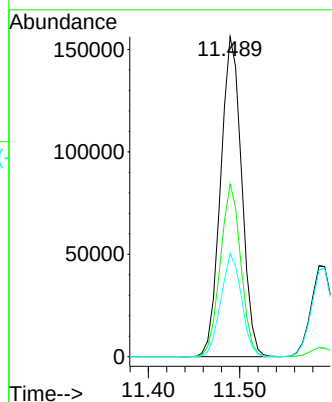
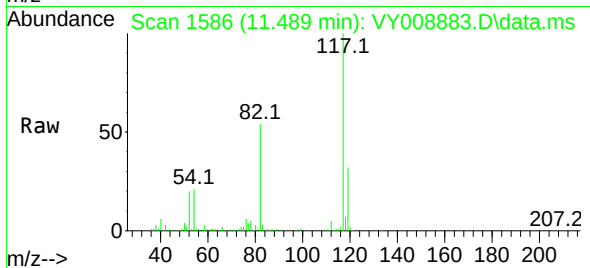
Tgt Ion:117 Resp: 249980

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 49.135 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Tgt Ion:164 Resp: 78624

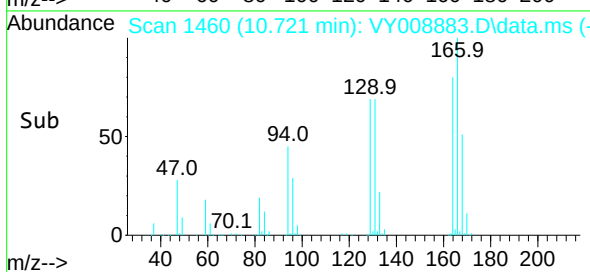
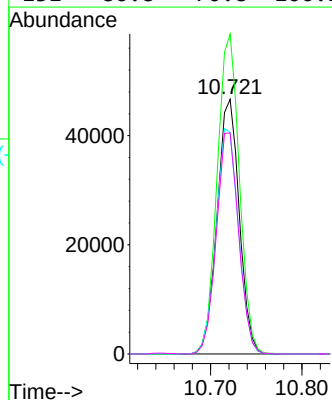
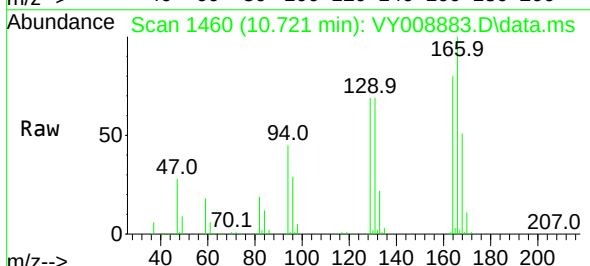
Ion Ratio Lower Upper

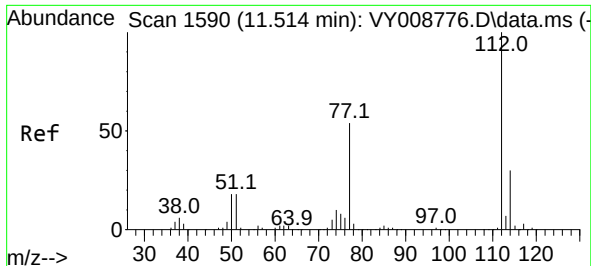
164 100

166 125.7 100.4 150.6

129 87.0 71.4 107.0

131 86.8 70.8 106.2

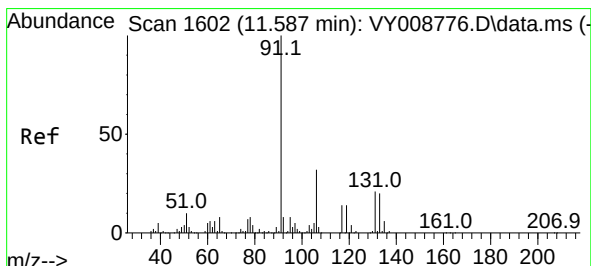
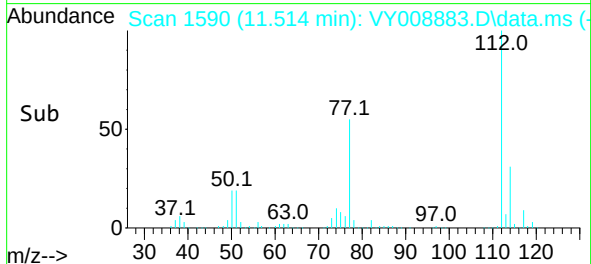
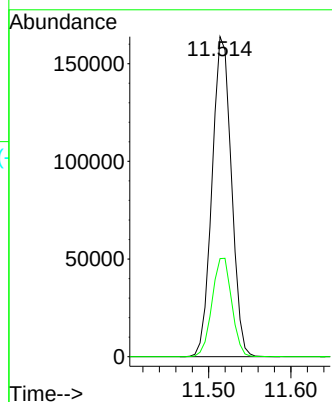
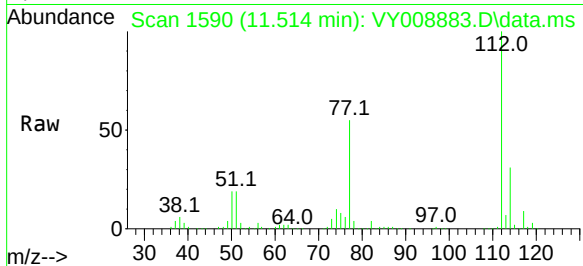




#65
Chlorobenzene
Concen: 52.940 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

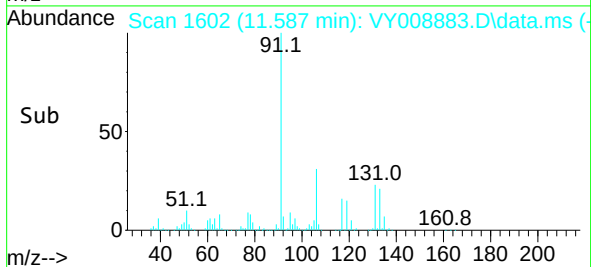
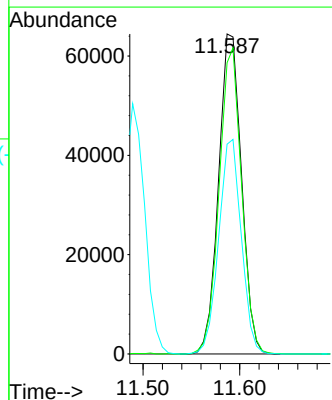
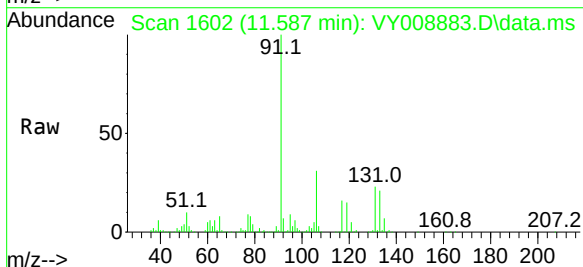
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

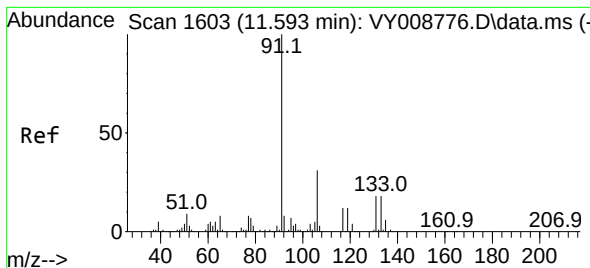
Tgt Ion:112 Resp: 267840
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.251 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:131 Resp: 105820
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.6
119 66.3 30.8 92.3

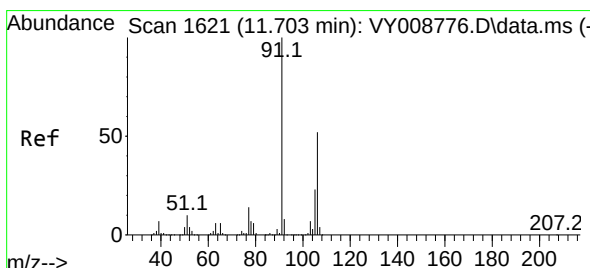
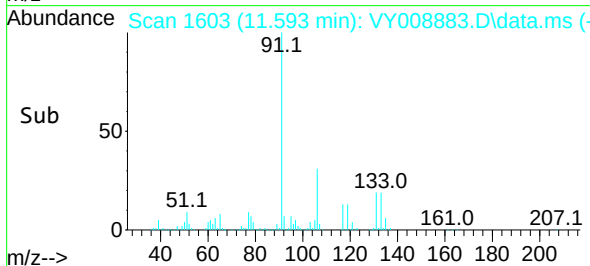
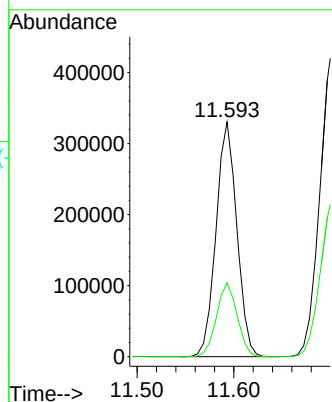
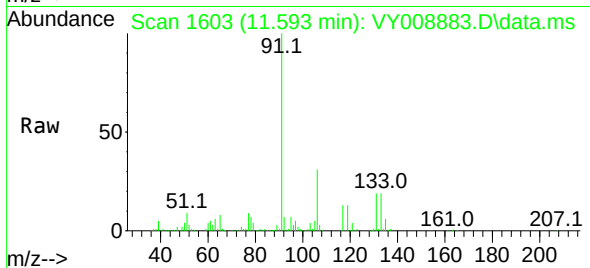




#67
Ethyl Benzene
Concen: 54.421 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

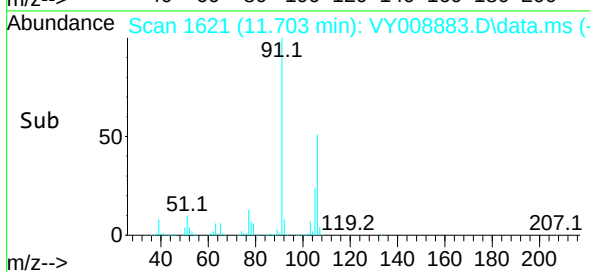
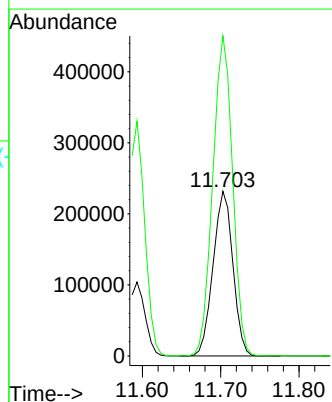
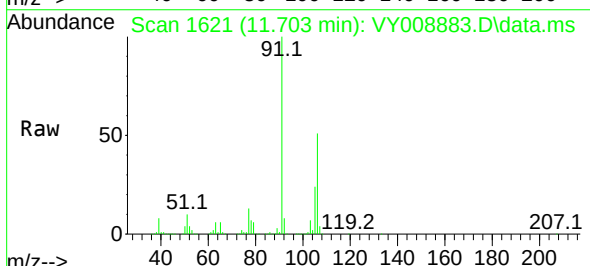
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

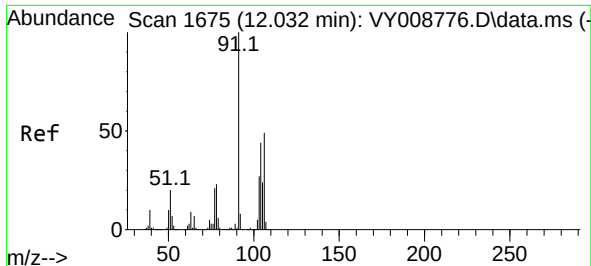
Tgt Ion: 91 Resp: 491700
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 113.078 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 106 Resp: 407016
Ion Ratio Lower Upper
106 100
91 194.9 166.6 249.8

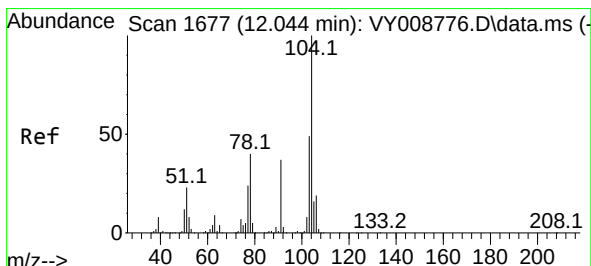
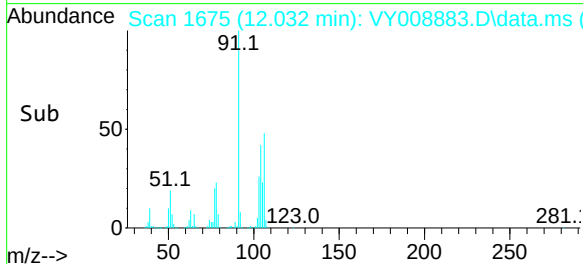
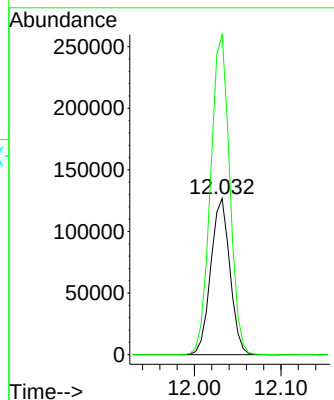
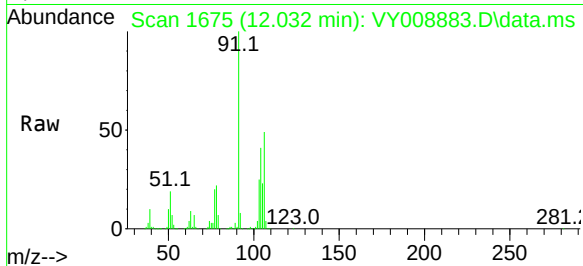




#69
o-Xylene
Concen: 58.494 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

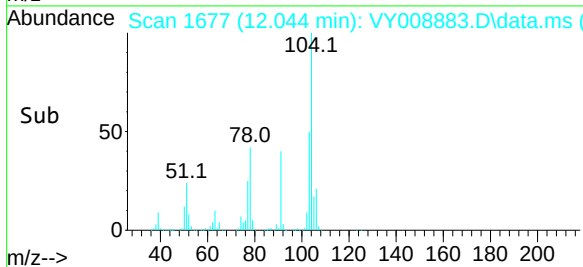
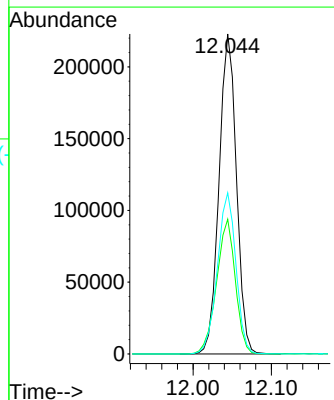
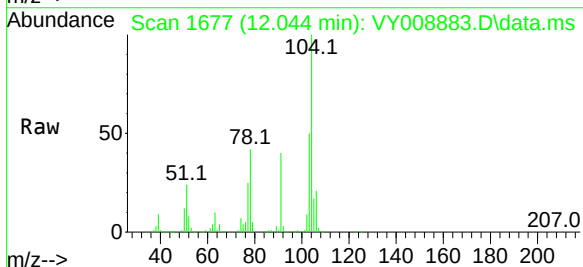
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

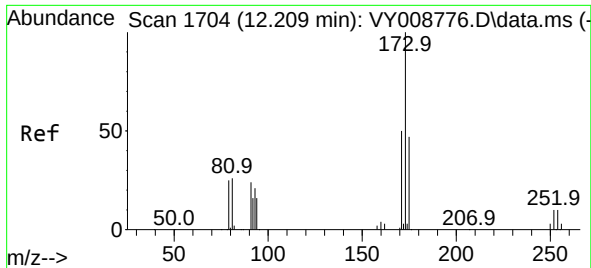
Tgt Ion:106 Resp: 194540
Ion Ratio Lower Upper
106 100
91 205.0 110.3 331.0



#70
Styrene
Concen: 61.253 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:104 Resp: 344857
Ion Ratio Lower Upper
104 100
78 45.3 42.4 63.6
103 53.6 44.4 66.6

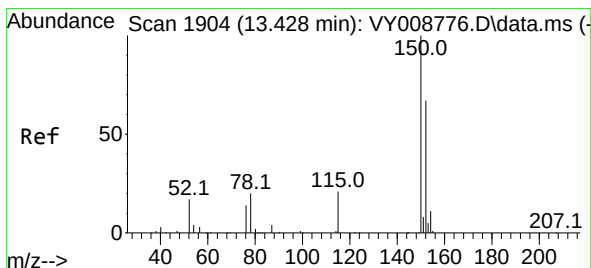
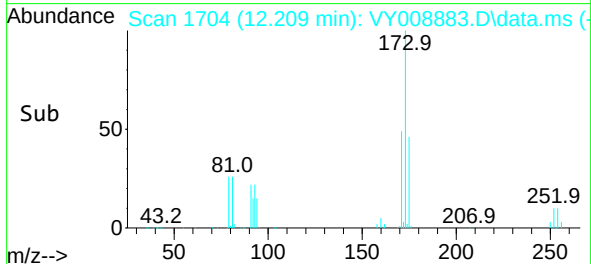
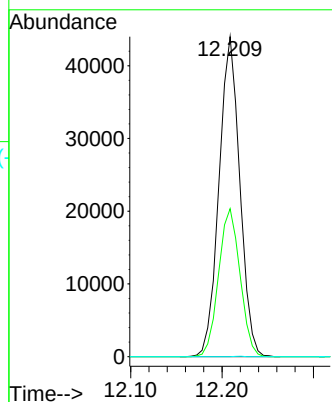
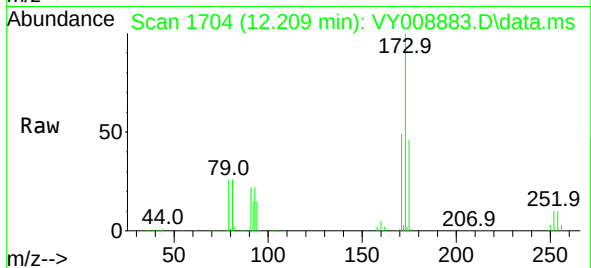




#71
Bromoform
Concen: 55.458 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

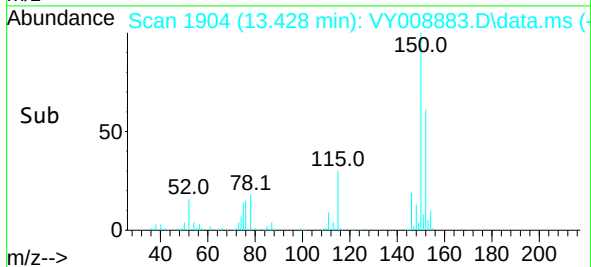
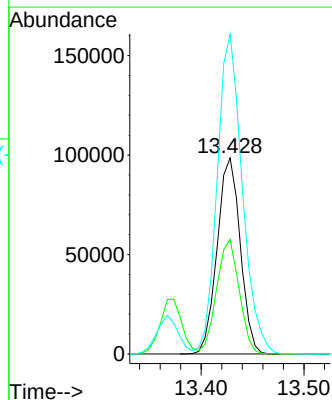
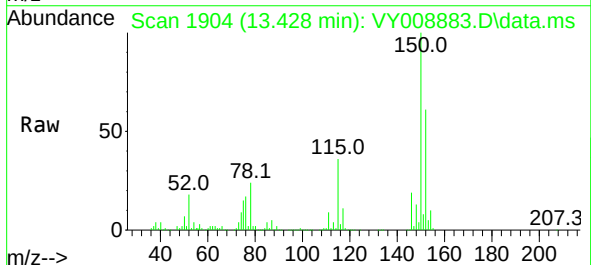
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

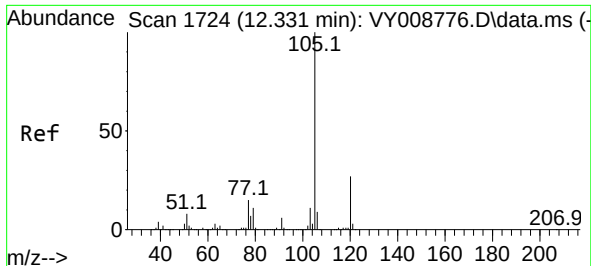
Tgt Ion:173 Resp: 69585
Ion Ratio Lower Upper
173 100
175 47.6 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:152 Resp: 153750
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 177.0 0.0 347.6

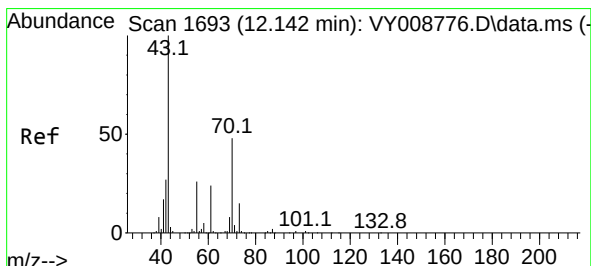
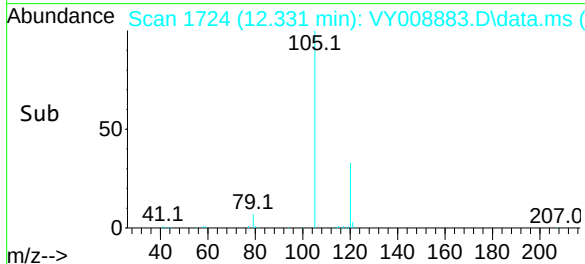
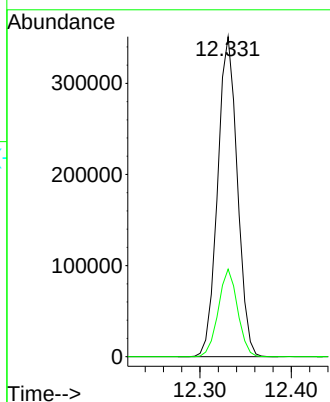
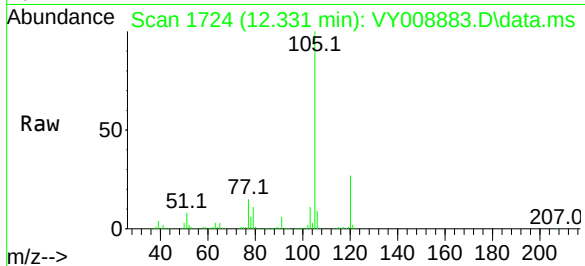




#73
Isopropylbenzene
Concen: 49.913 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

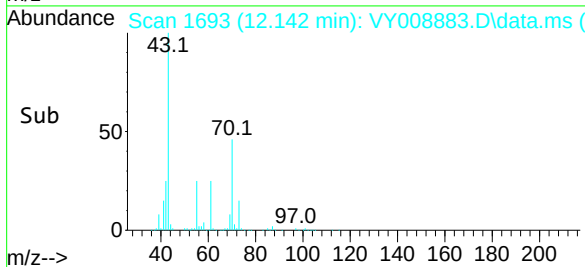
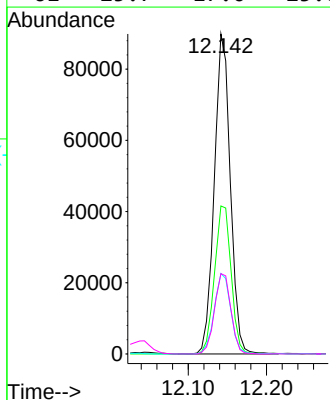
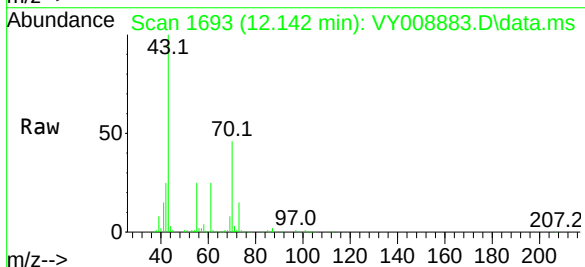
Instrument :
MSVOA_Y
ClientSampleId :
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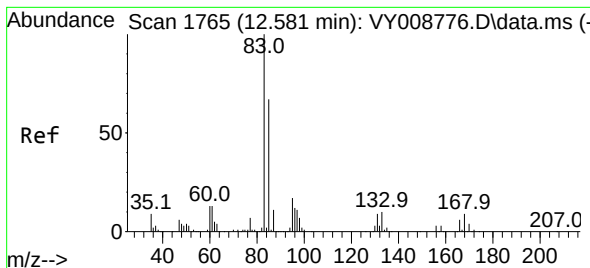
Tgt Ion:105 Resp: 526323
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 50.802 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 43 Resp: 127866
Ion Ratio Lower Upper
43 100
70 48.0 28.7 43.1#
55 26.2 17.3 25.9#
61 25.7 17.0 25.6#

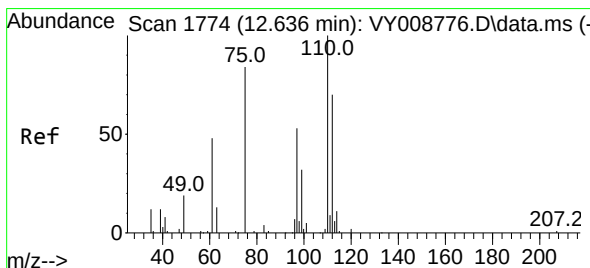
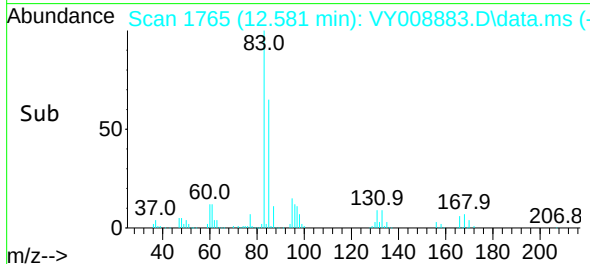
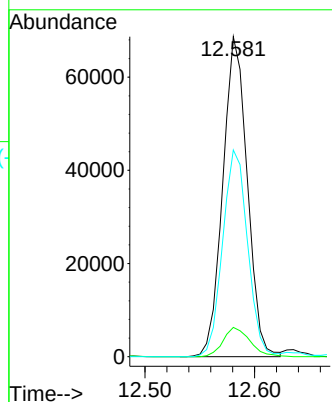
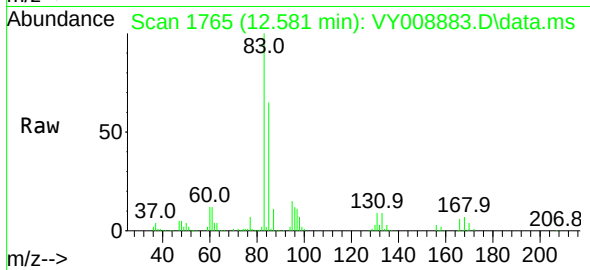




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.469 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

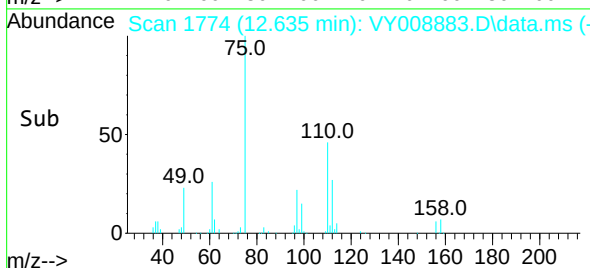
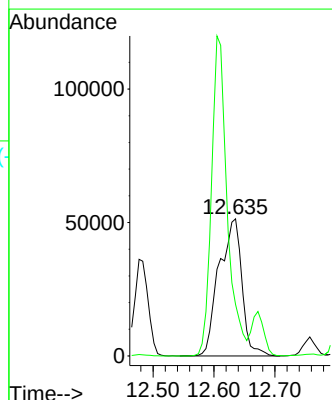
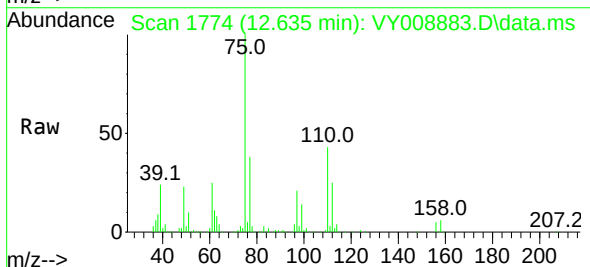
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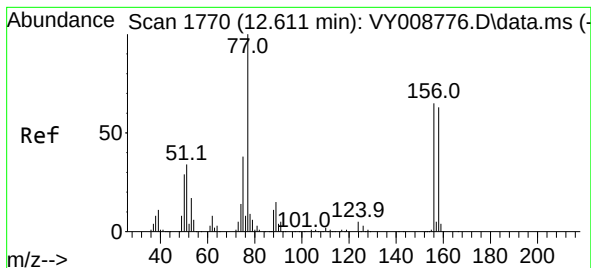
Tgt Ion: 83 Resp: 106590
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.6 16.8
 85 65.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 75.711 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

Tgt Ion: 75 Resp: 134465
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.700 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

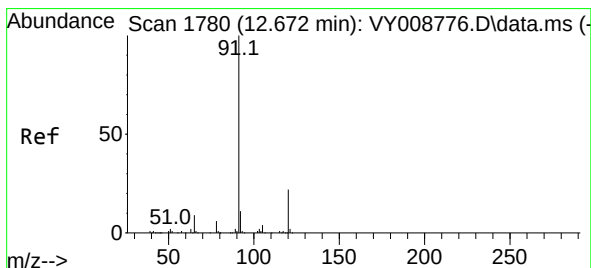
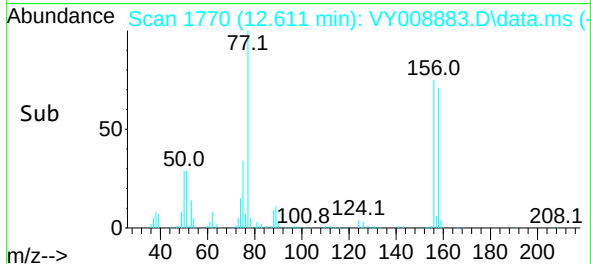
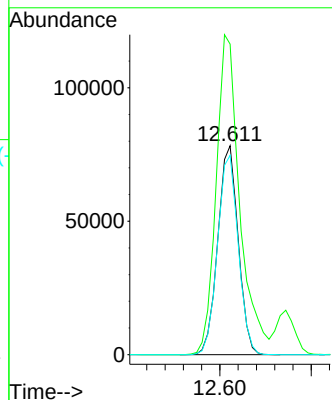
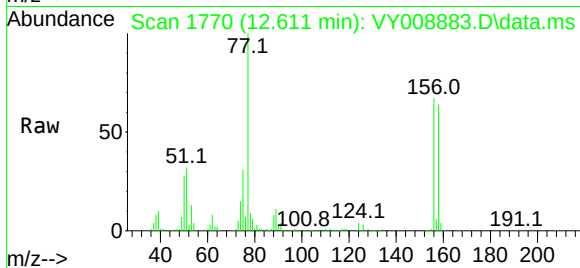
Tgt Ion:156 Resp: 121433

Ion Ratio Lower Upper

156 100

77 177.1 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 50.090 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY008883.D

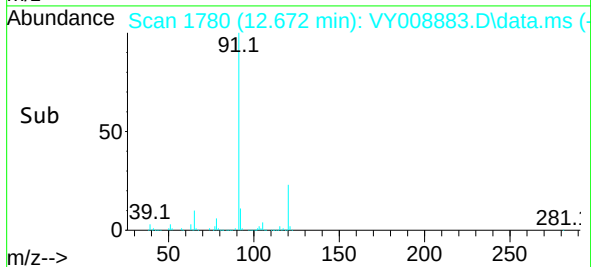
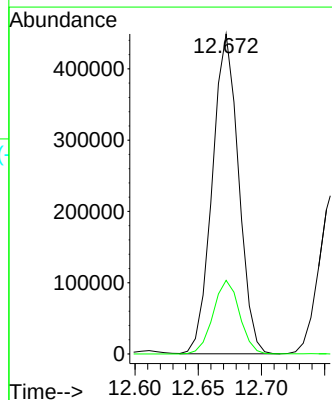
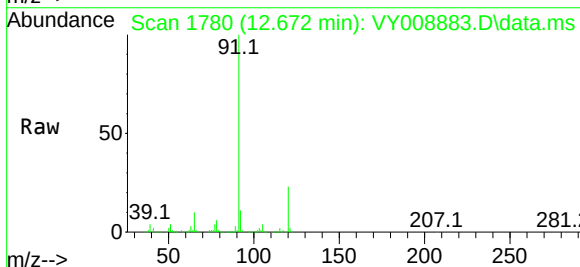
Acq: 19 May 2022 21:13

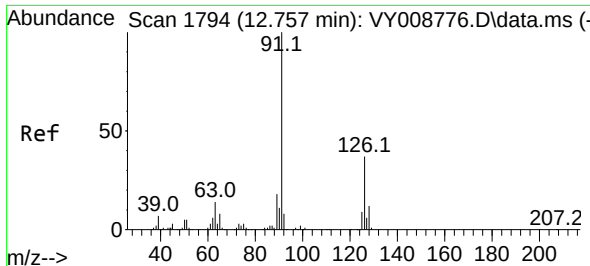
Tgt Ion: 91 Resp: 648876

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

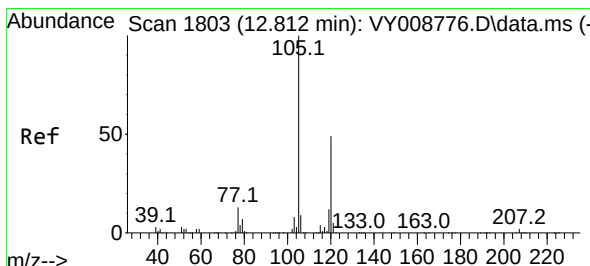
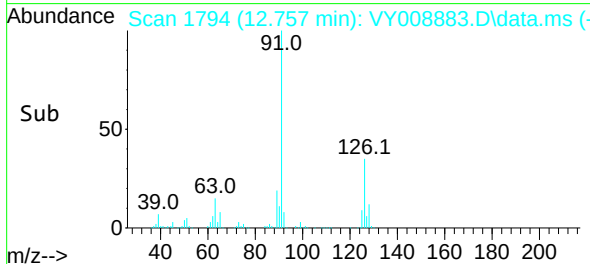
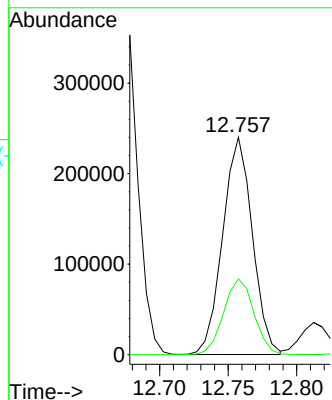
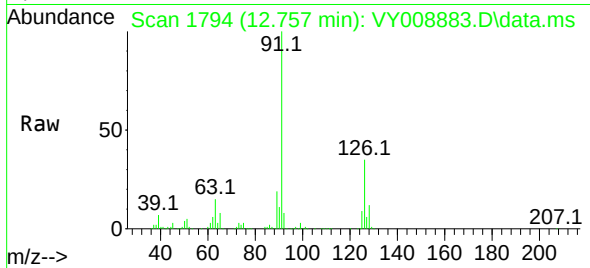




#79
2-Chlorotoluene
Concen: 51.553 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

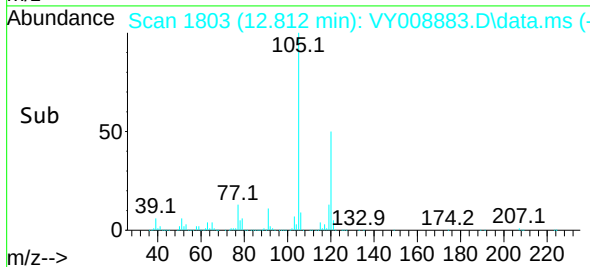
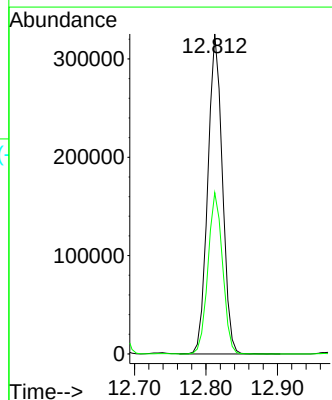
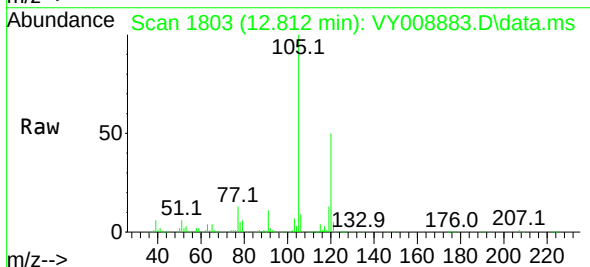
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

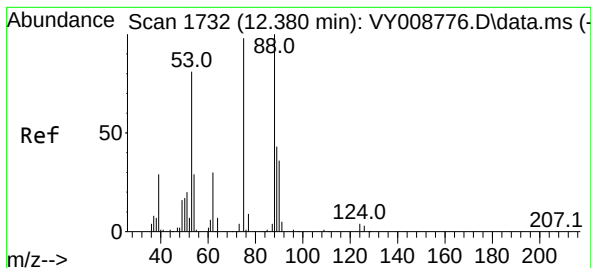
Tgt Ion: 91 Resp: 361719
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.025 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 105 Resp: 459962
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.4

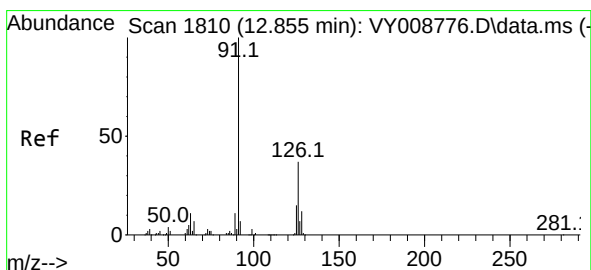
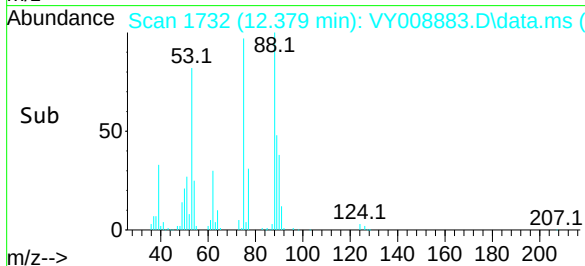
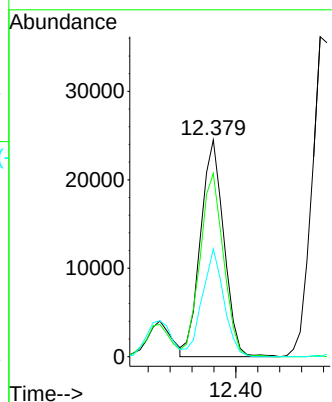
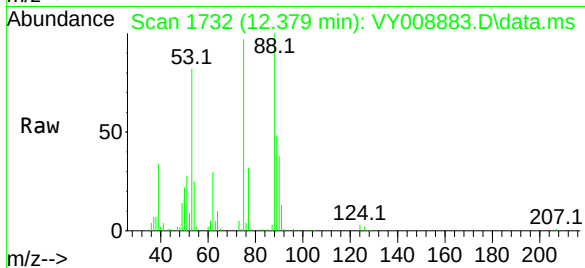




#81
trans-1,4-Dichloro-2-butene
Concen: 44.671 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

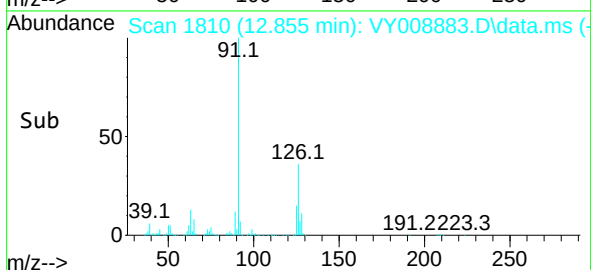
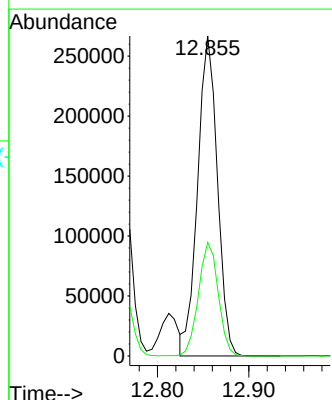
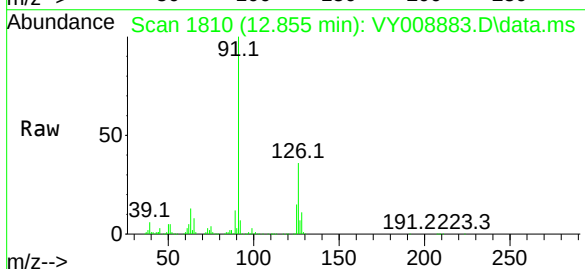
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

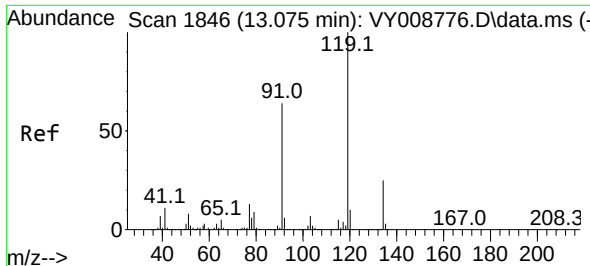
Tgt Ion: 75 Resp: 36272
Ion Ratio Lower Upper
75 100
53 85.1 85.3 127.9#
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.893 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 91 Resp: 399480
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

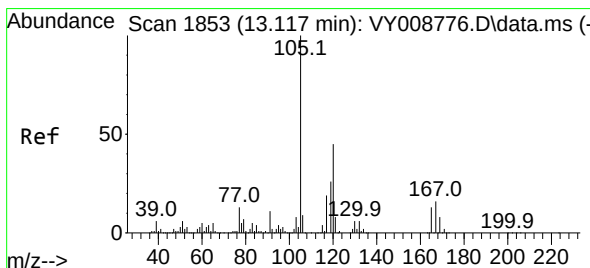
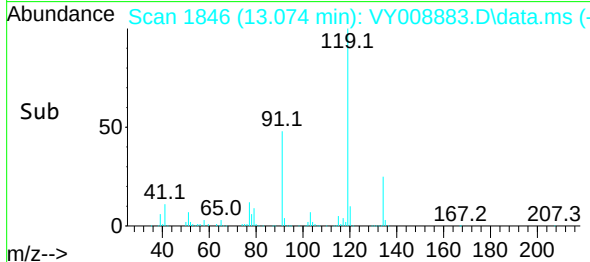
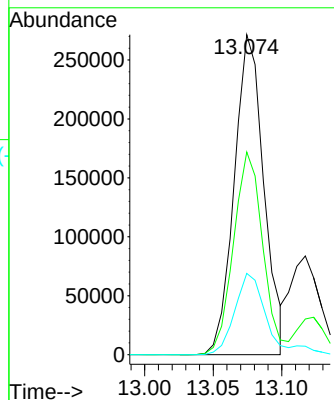
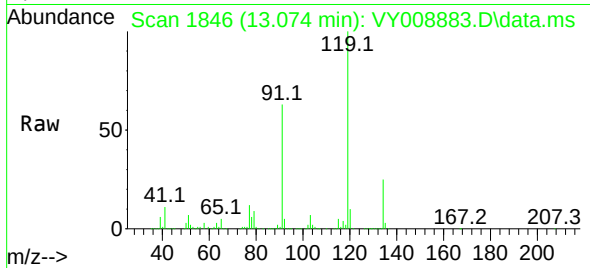




#83
tert-Butylbenzene
Concen: 53.404 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

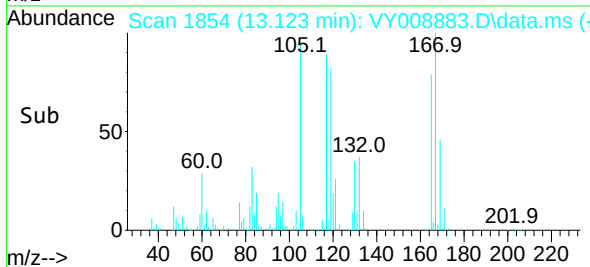
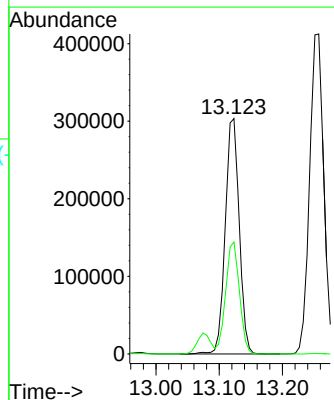
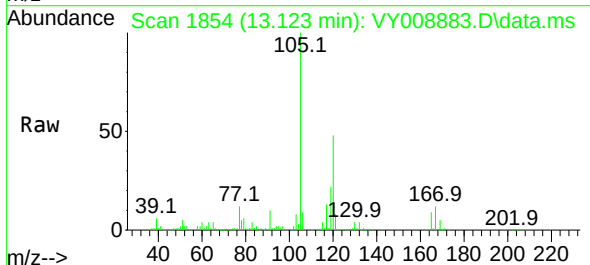
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

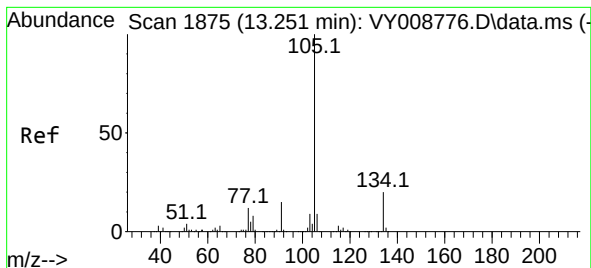
Tgt Ion:119 Resp: 408900
Ion Ratio Lower Upper
119 100
91 63.0 34.8 104.4
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 55.078 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:105 Resp: 464219
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.221 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

Instrument :

MSVOA_Y

ClientSampleId :

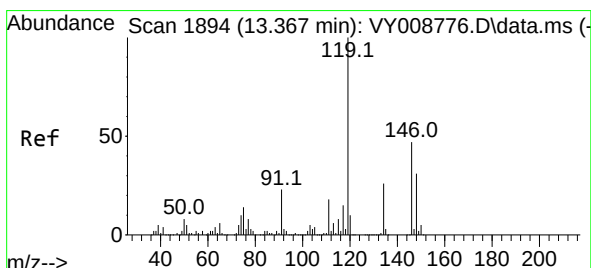
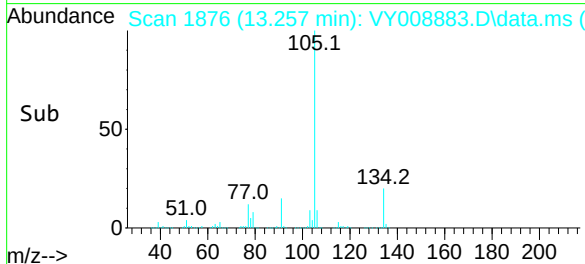
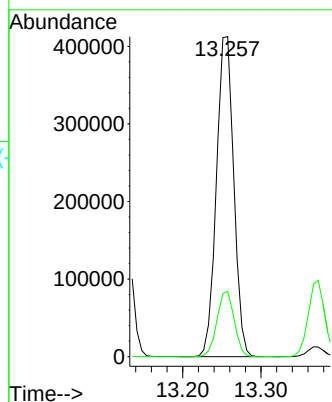
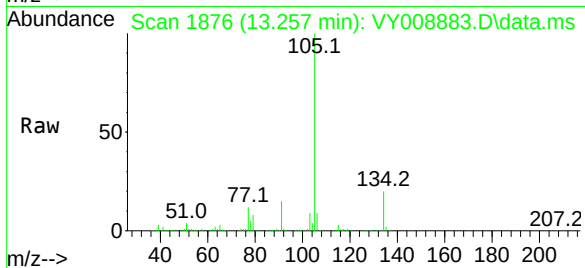
VSTDCCC050EC

Tgt Ion:105 Resp: 635772

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.623 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008883.D

Acq: 19 May 2022 21:13

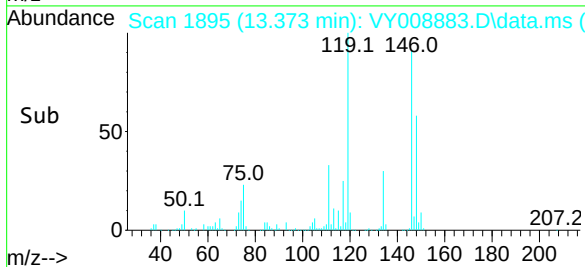
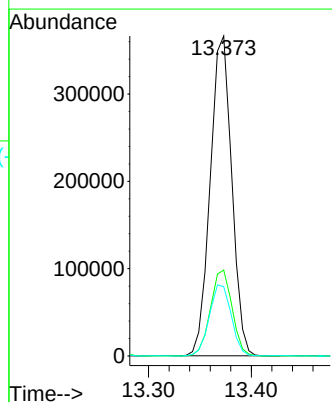
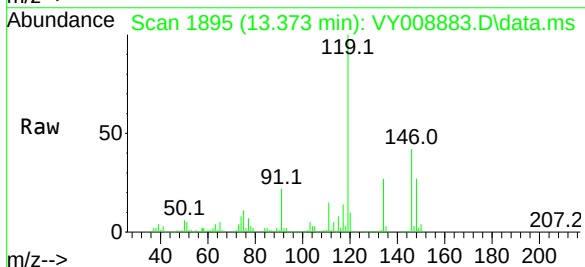
Tgt Ion:119 Resp: 532059

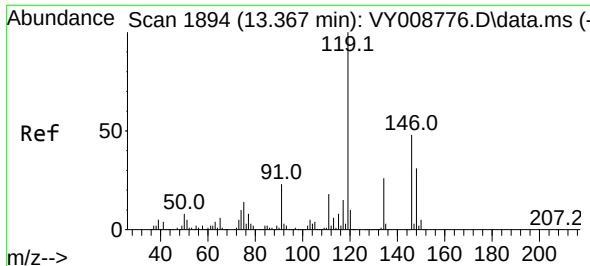
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 22.7 12.4 37.2

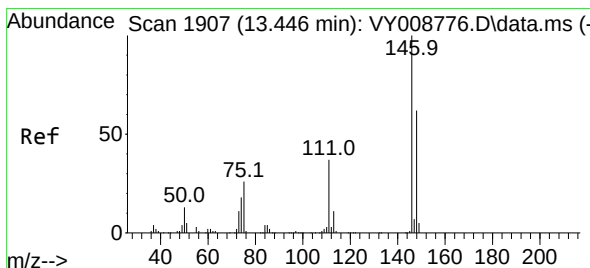
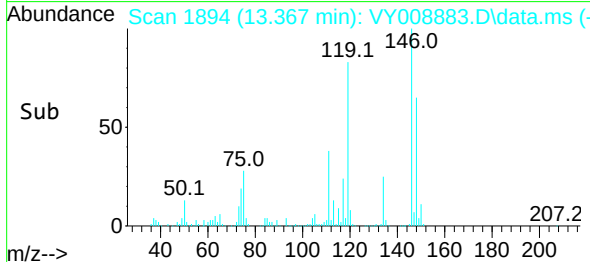
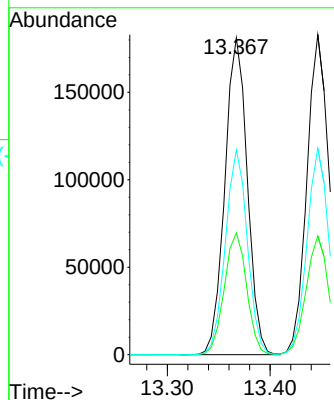
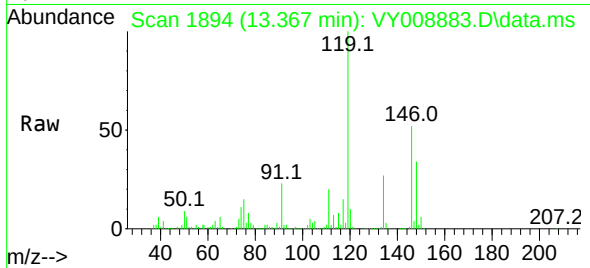




#87
 1,3-Dichlorobenzene
 Concen: 53.575 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

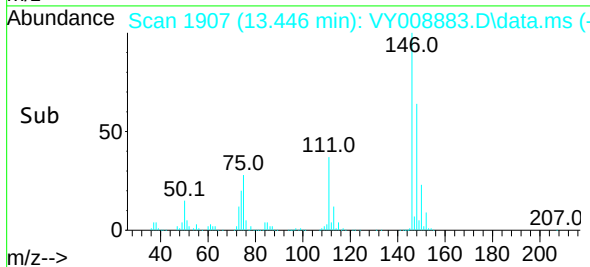
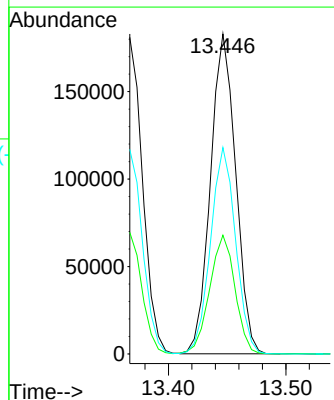
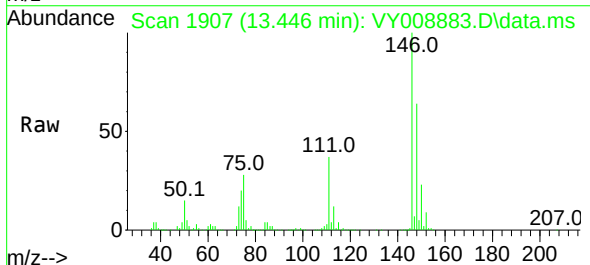
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

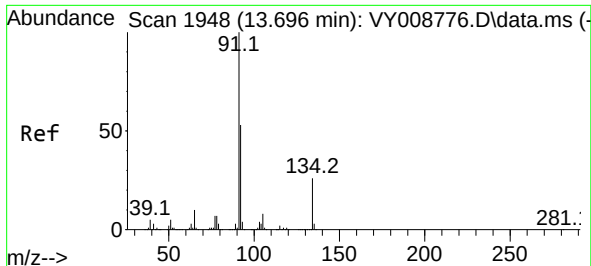
Tgt Ion:146 Resp: 275046
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.5 58.5
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 53.828 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY008883.D
 Acq: 19 May 2022 21:13

Tgt Ion:146 Resp: 273340
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.3 57.8
 148 64.3 32.6 97.8

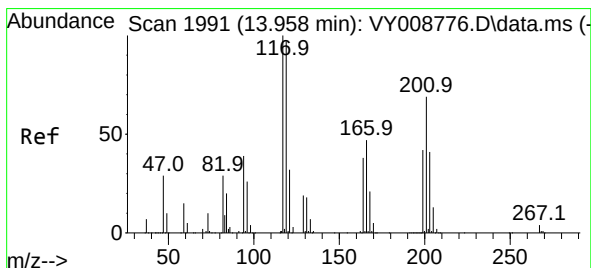
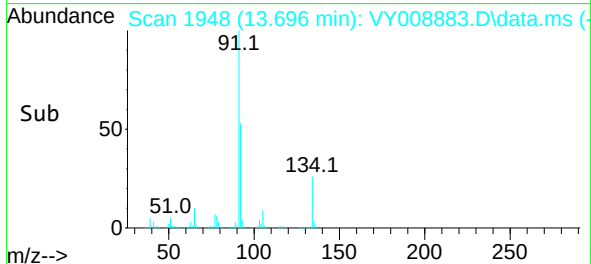
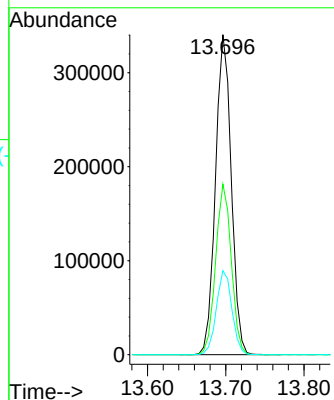
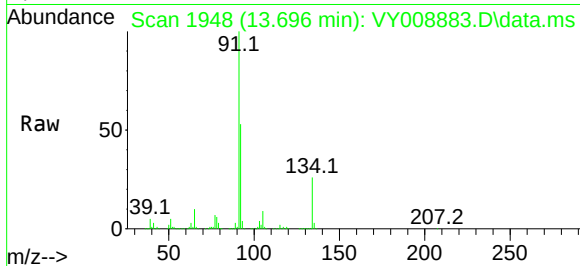




#89
n-Butylbenzene
Concen: 51.508 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

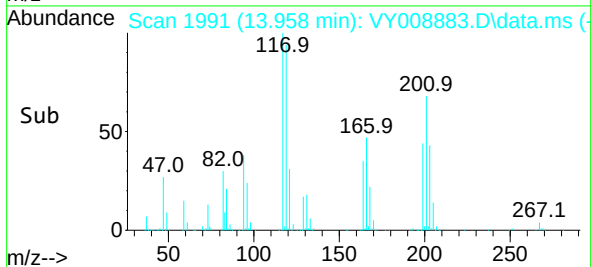
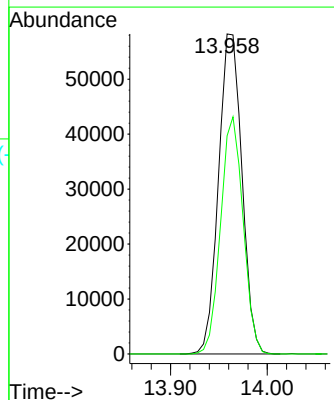
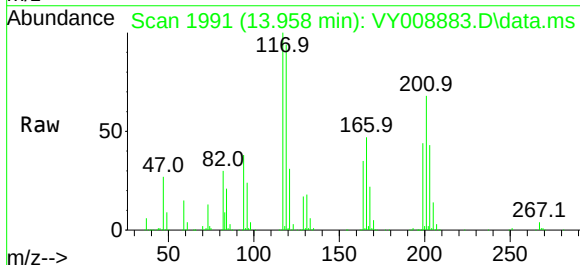
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

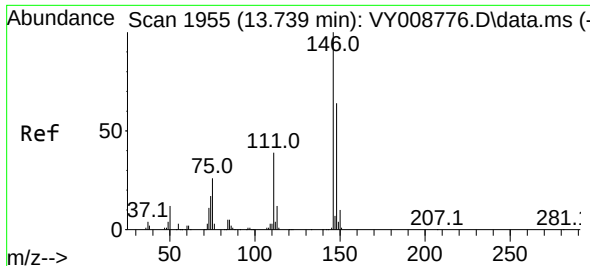
Tgt Ion: 91 Resp: 476224
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 53.166 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 117 Resp: 97912
Ion Ratio Lower Upper
117 100
201 71.0 43.0 128.8

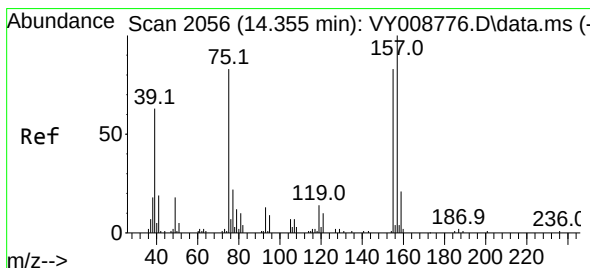
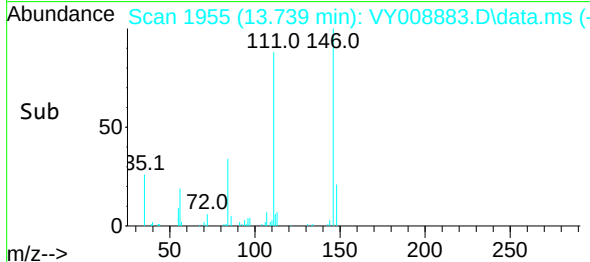
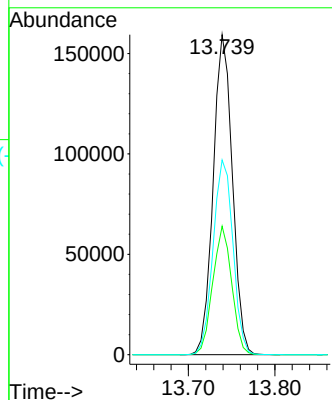
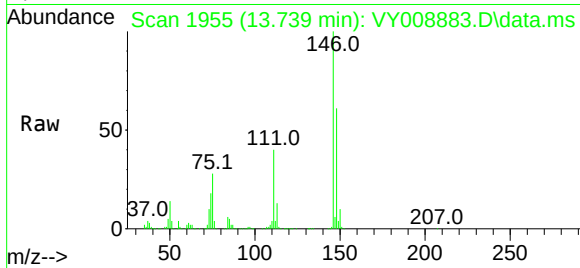




#91
1,2-Dichlorobenzene
Concen: 54.616 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

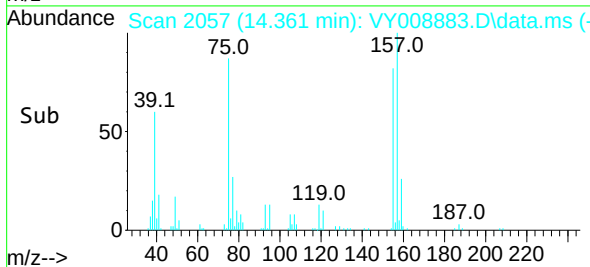
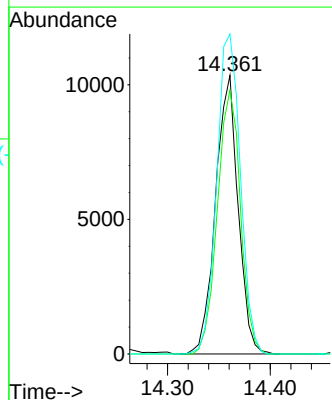
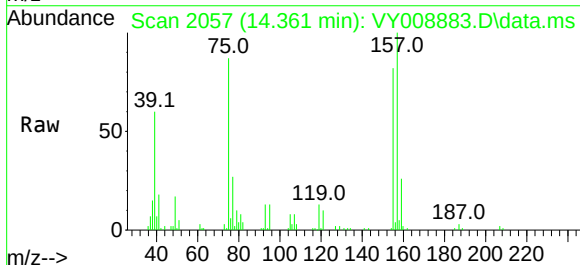
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

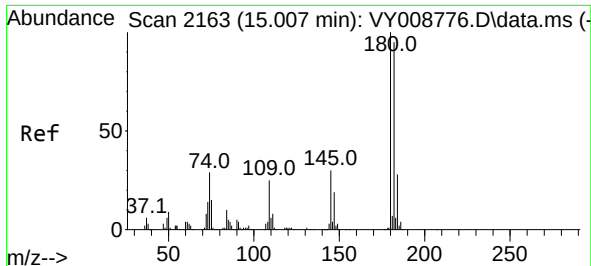
Tgt Ion:146 Resp: 245200
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.304 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion: 75 Resp: 15754
Ion Ratio Lower Upper
75 100
155 96.8 38.0 113.9
157 120.6 47.8 143.3

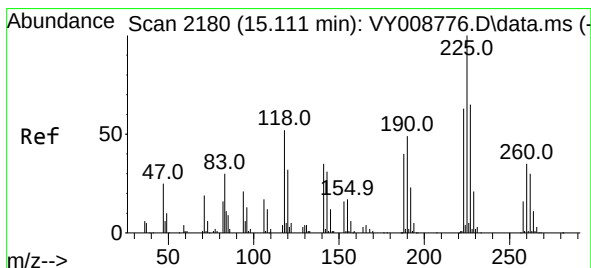
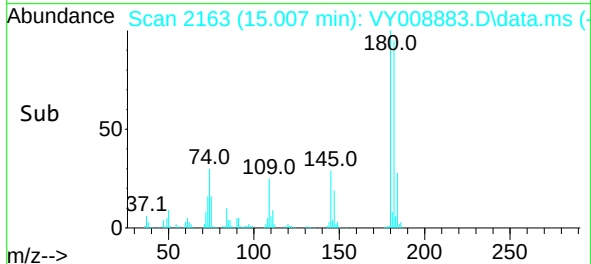
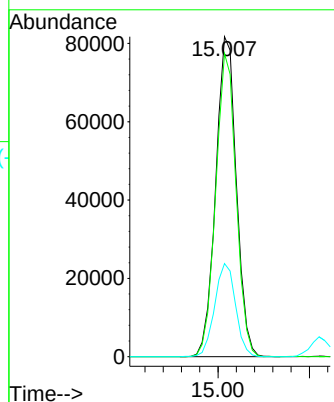
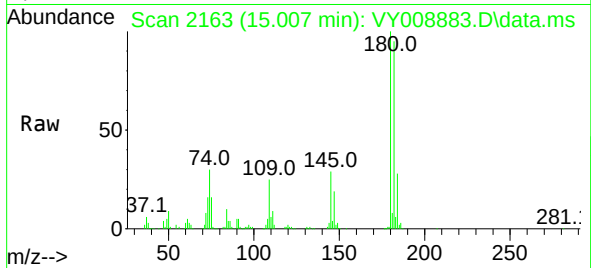




#93
1,2,4-Trichlorobenzene
Concen: 52.276 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

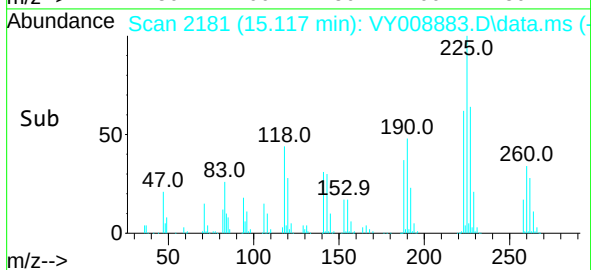
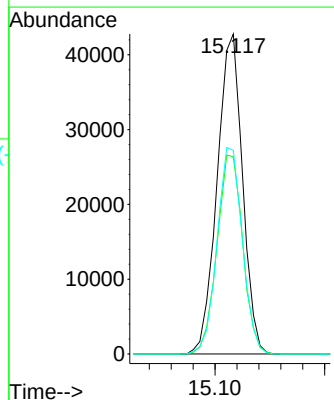
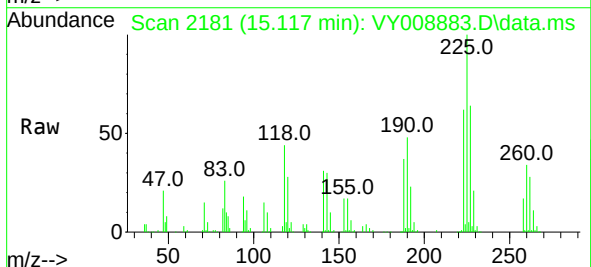
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

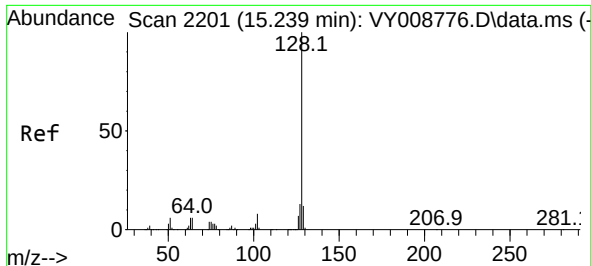
Tgt Ion:180 Resp: 128162
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 29.4 14.6 43.8



#94
Hexachlorobutadiene
Concen: 48.698 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:225 Resp: 68701
Ion Ratio Lower Upper
225 100
223 63.1 30.8 92.3
227 64.3 31.6 94.7

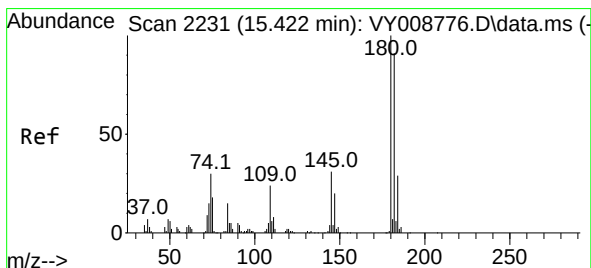
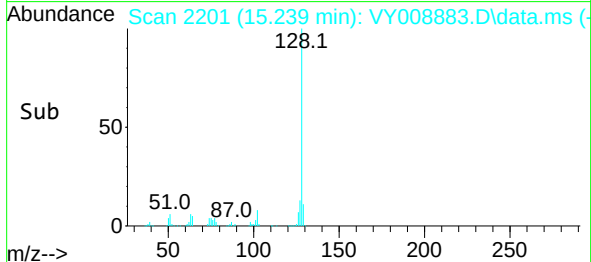
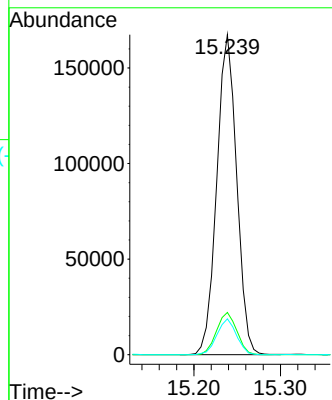
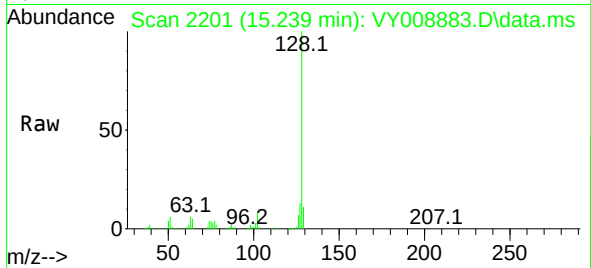




#95
Naphthalene
Concen: 48.770 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 267292
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.729 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008883.D
Acq: 19 May 2022 21:13

Tgt Ion:180 Resp: 113561
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 30.5 15.3 45.9

